


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14020
1.3 Title of PCN	L9680TR and L9679PTR (UAF3, UAI3): Testing Optimization
1.4 Product Category	L9680TR, L9679PTR
1.5 Issue date	2023-03-27

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	Elena Maria PERNIGOTTI
2.1.2 Marketing Manager	Alberto DA DALT
2.1.3 Quality Manager	Marcello Donato MENCHISE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Method (EWS-FT)	Different test flow (step removal, step order change, temperature change, quality control steps optimization, test time reduction, etc..) if test flow is not agreed with Customer.	ST Singapore (EWS) ST Muar (Final Testing)

4. Description of change

	Old	New
4.1 Description	EWS = Ambient FT = Hot + Cold	EWS = Cold FT = Hot
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	Dedicated Finished Good Codes
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7. Timing / schedule

7.1 Date of qualification results	2023-08-30
7.2 Intended start of delivery	2023-09-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

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

9. Attachments (additional documentations)

14020 Public product.pdf 14020 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
	L9680TR	

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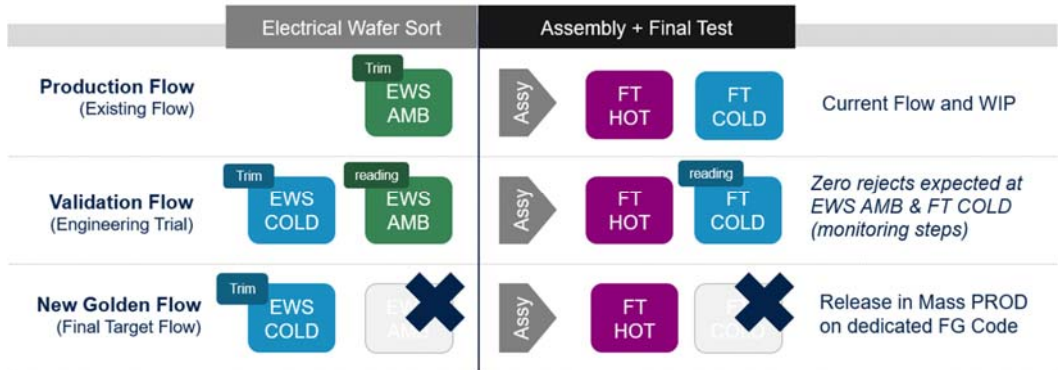
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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	L9680TR and L9679PTR (UAF3, UAI3): Testing Optimization
IMPACTED PRODUCTS	ST silicon lines UAF3, UAI3, Commercial Products: <ul style="list-style-type: none"> - L9680TR - L9679PTR
MANUFACT. STEP	Electrical Wafer Sort (EWS) and Final Testing
INVOLVED PLANT	ST Singapore (EWS) ST Muar (Final Test)
CHANGE REASON	To improve capacity
CHANGE DESCRIPTION	<p>Below testing optimization will be implemented</p>  <p>The flowchart illustrates the testing optimization process across three scenarios:</p> <ul style="list-style-type: none"> Production Flow (Existing Flow): Shows the current process with 'Trim' at EWS AMB, 'Assy' leading to 'FT HOT' and 'FT COLD'. It is labeled 'Current Flow and WIP'. Validation Flow (Engineering Trial): Shows 'Trim' at EWS COLD and 'reading' at EWS AMB, followed by 'Assy' leading to 'FT HOT' and 'FT COLD'. A note states 'Zero rejects expected at EWS AMB & FT COLD (monitoring steps)'. New Golden Flow (Final Target Flow): Shows 'Trim' at EWS COLD, a crossed-out 'EWS AMB' step, 'Assy' leading to 'FT HOT' and a crossed-out 'FT COLD' step. A note states 'Release in Mass PROD on dedicated FG Code'.
TRACEABILITY	Dedicated Finished Good Codes
VALIDATION	<p>Validation data will be available:</p> <ul style="list-style-type: none"> - within June 2023 for L9680TR (UAF3) - within August 2023 for L9679PTR (UAI3)
IMPLEMENT.	<p>Change activation, expected within:</p> <ul style="list-style-type: none"> - July 2023 for L9680TR (UAF3) - September 2023 for L9679PTR (UAI3)



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 : L9680TR and L9679PTR (UAF3, UAI3): Testing Optimization

PCN Reference : ADG/23/14020

Subject : Public Products List

Dear Customer,

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

L9680TR	L9679P	L9679PTR
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