

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		MDG/21/13143
1.3 Title of PCN		ST25R3920-AQWT dual source implementation for EWS (Electrical Wafer Sort)
1.4 Product Category		ST25R3920-AQWT
1.5 Issue date		2021-12-10

### 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	Benoit RODRIGUES
2.1.2 Marketing Manager	Sylvain FIDELIS
2.1.3 Quality Manager	Rita PAVANO

### 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Electrical wafer sort (SOP 2617)	UTAC (Thailand)

### 4. Description of change

	Old	New
4.1 Description	For the EWS of ST25R3920-AQWT currently done at ST Rousset (RS8E) (France)...	...a second location will be added at ST Toa Payoh (APEE) (Singapore.)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change	

### 5. Reason / motivation for change

5.1 Motivation	ST is committed to ensure delivery to its customers and needs to react to market situations trying to mitigate any potential delivery bottlenecks in advance. Therefore, a dual source will be introduced for the ST25R3920-AQWT to ensure best delivery times and availability to customers.
5.2 Customer Benefit	DOUBLE SOURCING

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

6.1 Description	N/A
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### 7. Timing / schedule

7.1 Date of qualification results	2022-01-07
7.2 Intended start of delivery	2022-05-20
7.3 Qualification sample available?	Upon Request

### 8. Qualification / Validation

8.1 Description	
8.2 Qualification report and qualification results	In progress

**9. Attachments (additional documentations)**

13143 Public product.pdf  
13143 PCN ST25R3920 EWS.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	ST25R3920-AQWT	

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## PRODUCT / PROCESS CHANGE NOTIFICATION

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### ST25R3920-AQWT dual source implementation for EWS (Electrical Wafer Sort)

#### **What is the change?**

An additional location for the EWS (Electrical Wafer Sort) has been implemented in addition to the existing one: For the EWS of ST25R3920-AQWT currently done at ST Rousset (RS8E) (France), a second location will be added at ST Toa Payoh (APEE) (Singapore.)

Test machine model and test program do not change, marking on the product will remain the same. Both EWS options will be used for production based on the same silicon and chip housing. There is no change to the silicon and QFN package used.

#### **Why?**

ST is committed to ensure delivery to its customers and needs to react to market situations trying to mitigate any potential delivery bottlenecks in advance. Therefore, a dual source will be introduced for the ST25R3920-AQWT to ensure best delivery times and availability to customers.

#### **When?**

First products can be shipped by January 2022, under customer acceptance. Flow used and final good delivered is at the discretion of ST.

#### **How will the change be qualified?**

The products remain strictly the same from the electrical and mechanical points of view. The additional flow has been qualified using the standard STMicroelectronics Corporate and MMY (Memory) division Procedures for Quality and Reliability.

Qualification Report available Week 01 / 2022.

#### **What is the impact of the change?**

- Form:** No change
- Fit:** No change
- Function:** No change

## How can the change be seen?

### Inner Box Label:

Data is identical

Manufactured under patents or patents pending  
Assembled in: THAILAND  
Pb-free 2nd Level Interconnect  
MSL: 3 Bag seal date: 6Oct 21  
PBT: 260 category: e3 ECOPACK2/ROHS

**TYPE: ST25R3920-AQWT**  
**25R3920-AQWTRTUB**

**Total Qty: 4000**  
Trace code FN134024 S9 FN

Marking 25R3920  
Bulk ID 71G386380001



Please provide the bulk ID for any inquiry



### Outer box label:

Data is identical



<b>Product family / Commercial products:</b>	NFC Reader IC
<b>Customer(s):</b>	All
<b>Type of change:</b>	EWS (Electrical Wafer Sort) location
<b>Reason for the change:</b>	Ensure shortest leadtimes and mitigate potential delivery bottlenecks caused by market situation
<b>Description of the change:</b>	Implementation of a second source for the EWS
<b>Forecast date of the change: (Notification to customer)</b>	Week 48 / 2021
<b>Forecast date of <u>Qualification samples</u> availability for customer(s):</b>	January / 2022
<b>Forecast date for the internal STMicroelectronics change, <u>Qualification Report</u> availability:</b>	Week 01 / 2022
<b>Marking to identify the changed product:</b>	No change
<b>Product Line(s) and/or Part Number(s):</b>	ST25R3920-AQWT
<b>Estimated date of first shipment:</b>	Week 20 / 2022 (or Week 05 under customer acceptance)

## Document Revision History

## Source Documents & Reference Documents

Source document Title	Rev.:	Date:



## 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 :** ST25R3920-AQWT dual source implementation for  
EWS (Electrical Wafer Sort)

**PCN Reference :** MDG/21/13143

**Subject :** Public Products List

Dear Customer,

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

ST25R3920-AQWT		
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