


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
-----------------	-----

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	Issue Date	

9. Attachments (additional documentations)		
13143 Public product.pdf 13143 PCN ST25R3920 EWS.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
	ST25R3920-AQWT	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved

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: 6 Oct 21
PBT: 260 category: e3 ECOMPACT2/ROHS

STMicroelectronics

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

Bulk ID 71G386380001A

Outer box label:

Data is identical

STMicroelectronics

TO: STMicroelectronics Pte Ltd C/O
DTW Suzhou Warehousing Co. Ltd C8-2
WAREHOUSE SND LFTZ NO.8 DATONG
ROAD NEW DISTRICT JIANGSU
PROVINCE 215151 CHINA

6-Oct-2021

PRODUCT CODE	QTY	BULKS	ASSEMBLED IN
25R3920-AQWTRTUB	8000	02	THAILAND

SHIPMENT NR: **S7GSY13825** 01/01

GROSS WEIGHT
3.12 KG
6.86 LBS



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

Document Revision History		
Date	Rev.	Description of the Revision
Oct. 26, 2021	V01	First draft

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		
----------------	--	--



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.