

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		MDG/21/12577
1.3 Title of PCI		New and additional Test & Finishing line for ST25R3916 and ST25R3917
1.4 Product Category		ST25R3916-AQWT ST25R3917-AQWT
1.5 Issue date		2021-02-04

2. PCI 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
2.2.2 Marketing Manager	Sylvain FIDELIS
2.2.3 Quality Manager	Rita PAVANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Product transfer from one site to another site, even if test or process line is qualified	NA

4. Description of change

	Old	New
4.1 Description	The ST25R3916-AQWT and ST25R3917-AQWT currently assembled & tested at UTAC (Thailand)...	...will be alternatively tested (Test & Finishing) at KYEC (Taiwan). Test machine models and test programs do not change, product marking will stay the same. Both 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.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	- Form: No change. Difference is only visible on box label (new Finished Good Part Number) - Fit: No change - Function: No change	

5. Reason / motivation for change

5.1 Motivation	The strategy of STMicroelectronics Memory Division is to support our customers on a long-term basis. In line with this commitment, ST decided to qualify KYEC (Taiwan) Test & Finishing line, in addition to the existing UTAC (Thailand) location, for the ST25R3916-AQWT and the ST25R3917-AQWT. This will increase the production capacity throughput and consequently improve the service to our customers.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	NA
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7. Timing / schedule

7.1 Date of qualification results	2021-03-19
7.2 Intended start of delivery	2021-03-19
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)

12577 Public product.pdf
12577 PCI ST25R3916-17 for Notice.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
	ST25R3916-AQWT	
	ST25R3917-AQWT	

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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

PCI Title : New and additional Test & Finishing line

for ST25R3916 and ST25R3917

PCI Reference : MDG/21/12577

Subject : Public Products List

Dear Customer,

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

ST25R3916-AQWT	ST25R3917-AQWT	
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PRODUCT / PROCESS CHANGE INFORMATION

New and additional Test & Finishing line for ST25R3916 and ST25R3917

What is the change?

The **ST25R3916-AQWT** and **ST25R3917-AQWT** currently assembled & tested at UTAC (Thailand) **will be alternatively tested** (Test & Finishing) at **KYEC (Taiwan)**.

Test machine models and test programs do not change, product marking will stay the same. Both 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?

The strategy of STMicroelectronics Memory Division is to support our customers on a long-term basis. In line with this commitment, ST decided to qualify KYEC (Taiwan) Test & Finishing line, in addition to the existing UTAC (Thailand) location, for the ST25R3916-AQWT and the ST25R3917-AQWT. This will increase the production capacity throughput and consequently improve the service to our customers.

When?

First shipment can start from March 2021.

How will the change be qualified?

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

What is the impact of the change?

- Form:** No change. Difference is only visible on box label (new Finished Good Part Number)
- Fit:** No change
- Function:** No change

- **BOX LABEL MARKING**

On the BOX LABEL MARKING, the difference is visible inside the **Finished Good Part Number** where the “**Test & Finishing plant**” identifier is “**V**” for products tested & finished at KYEC (Taiwan), this digit being “**U**” for current products tested & finished at UTAC (Thailand).

The difference is also visible inside the **Trace code** where the **Test & Finishing country & plant** is “**AK**” for KYEC (Taiwan), this code being “**FN**” for the current products tested & finished at UTAC (Thailand).

→ Example for ST25R3916-AQWT

STMicroelectronics

Manufactured under patents or patents pending
Country Of Origin: Thailand
Pb-free 2nd Level Interconnect
MSL: 3 Bag sealed date: xx xx xx
PBT: 260 °C Category: e3 ECOPACK2/ROHS

**TYPE: ST25R3916-AQWT
ST25R3916-AQWTR T V B**

Total Qty: 4000

Test & Finishing plant:

- “**V**” for KYEC (Taiwan)
- “**U**” for UTAC (Thailand)

Trace Codes FN_{YWWLLL} WX AK

Marking 25R3916

Test & Finishing country & plant:

- “**AK**” for KYEC (Taiwan)
- “**FN**” for UTAC (Thailand)

Bulk ID X0X00XXX00



Please provide the bulk ID for any inquiry

Product family / Commercial products:	ST25R3916-AQWT ST25R3917-AQWT
Customer(s):	All
Type of change:	Backend test flow
Reason for the change:	Ensure shortest leadtimes and mitigate potential delivery bottlenecks
Description of the change:	Implementation of a second source for the Test & Finishing
Forecast date of the change: (Notification to customer)	Week 04 / 2021
Forecast date of <u>Qualification samples</u> availability for customer(s):	Week 11 / 2021: ST25R3916 Week 15 / 2021: ST25R3917
Forecast date for the internal STMicroelectronics change, <u>Qualification Report</u> availability:	Week 11 / 2021: ST25R3916 Week 15 / 2021: ST25R3917
Marking to identify the changed product:	No change (Change only visible on box label)
Product Line(s) and/or Part Number(s):	ST25R3916-AQWT ST25R3917-AQWT
Manufacturing location:	NA
Estimated date of first shipment:	Week 11 / 2021: ST25R3916 Week 15 / 2021: ST25R3917

Document Revision History

Source Documents & Reference Documents

Source document Title	Rev.:	Date: