


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MDG/23/13849
1.3 Title of PCN	AS3915 NFC Reader IC Products change of marking and test backend
1.4 Product Category	ST25R3915-AQFT
1.5 Issue date	2023-01-04

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: Testing (SOP 2617)	ams-OSRAM

4. Description of change

	Old	New
4.1 Description	As per acquisition contract signed in 2016, ST25R3915 is manufactured in ams-Osram...	...who decided to change final test location from Austria to Philippines. This change will streamline the backend flow removing extra shipments. The test program and the test hardware remain the same.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	- Form: Marking change (see Device marking paragraph) - Fit: No change - Function: No change	

5. Reason / motivation for change

5.1 Motivation	ST is committed to ensure best possible delivery times to its customers and reduce the carbon footprint of our production as best as possible. Therefore, it was decided to eliminate unnecessary shipments by moving final test to the Philippines.
5.2 Customer Benefit	LOGISTICS IMPROVEMENT

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	2022-12-22
7.2 Intended start of delivery	2023-07-01
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)		
13849 Public product.pdf 13849 PCN ST25R3915 v05 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
	ST25R3915-AQFT	

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ST25R3915 NFC Reader products change of marking and final test location

What is the change?

As per acquisition contract signed in 2016, ST25R3915 is manufactured in ams-Osram who decided to change final test location from Austria to Philippines. This change will streamline the backend flow removing extra shipments. The test program and the test hardware remain the same.

The **die, package & bonding** stay the same and are still produced in the same factories as before. There are no functionality or parameter changes.

At the same time the top marking of the IC will change from:
AS3915 to 25R3915 (see **Device marking** paragraph)

Why?

ST is committed to ensure best possible delivery times to its customers and reduce the carbon footprint of our production as best as possible. Therefore, it was decided to eliminate unnecessary shipments by moving final test to the Philippines.

When?

The production of the ST25R3915 with the updated marking and streamlined test flow will ramp up from July 2023.

Upon customer agreement production could start earlier.

How will the change be qualified?

The new marking and final test flow will be qualified using the standard ST Microelectronics Corporate Procedures for Quality & Reliability.

Qualification report is available.

What is the impact of the change?

- **Form:** Marking change (see **Device marking** paragraph)
- **Fit:** No change
- **Function:** No change

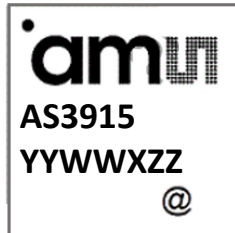
How can the change be seen?

- DEVICE MARKING

Logo Identifier above marking will change adding lead finishing material information "e3"

AS3915 in QFN => 25R3915

Before



Marking Line 1: AS3915

Marking Line 2: Tracecode

Tracecode Format: YYWWXZZ

YY...: Year

WW...: Mfg. Week

X...: Code for BE

ZZ...: Don't care

@...: Sublot identifier

Position Pin: Upper Left

After



Marking Line 1: 25R3915

Marking Line 2: Tracecode

Tracecode Format: YYWWXZZ

YY...: Year

WW...: Mfg. Week

X...: Code for BE

ZZ...: Don't care

@...: Sublot identifier

Position Pin: Upper Left

Appendix A- Product Change Information

Product family / Commercial products:	ST25R3915-AQFT
Customer(s):	All
Type of change:	Transfer
Reason for the change:	Reduce cycle time and decrease environmental footprint
Description of the change:	New Marking & Final Test Location
Forecast date of the change: (Notification to customer)	Week 51 / 2022
Forecast date of <u>Qualification samples</u> availability for customer(s):	Week 08 / 2023
Forecast date for <u>Qualification Report</u> availability:	Available
Marking to identify the changed product:	25R3915 on package top side
Description of the qualification program:	Standard ST Microelectronics Corporate Procedures for Quality and Reliability
Product Line(s) and/or Part Number(s):	ST25R3915-AQFT
Estimated date of first shipment:	July 2023 or earlier upon customer agreement

Document Revision History		
Date	Rev.	Description of the Revision
20.12.2022	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 : AS3915 NFC Reader IC Products change of marking and test backend

PCN Reference : MDG/23/13849

Subject : Public Products List

Dear Customer,

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

ST25R3915-AQFT		
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