

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		MDG/22/13377
1.3 Title of PCN		ST33G1M2M Introduction of a new plant Utac Thai Limited for DFN8 5*6 Wettable flank Assembly
1.4 Product Category		ST33G1M2M in DFN8 6*5 Wettable Flank
1.5 Issue date		2022-04-29

### 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	Marie-France FLORENTIN
2.1.2 Marketing Manager	Christian VIGNES
2.1.3 Quality Manager	Mickael DENAIS-ALLICHON

### 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	(Not Defined)	Manufacturing location: Utac Thai Limited Thanon Lasalle, Bang Na, Bangkok 10260 Thailand

### 4. Description of change

	Old	New
4.1 Description	ST33G1M2M DFN8 5*6 Wettable Flank assembly process is currently performed in AMKOR TECHNOLOGY P3 (Philippines).	In order to increase our volume capacity, ST will qualify a second plant - Utac Thai Limited (Thailand).
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No impact	

### 5. Reason / motivation for change

5.1 Motivation	DFN8 5*6 Wettable Flank volume capacity increase with double source manufacturing
5.2 Customer Benefit	CAPACITY INCREASE

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

6.1 Description	<ul style="list-style-type: none"> <li>• Commercial product reference will be same for the two manufacturing plants (CP)</li> <li>• Finish Good reference will change to track the plant source</li> <li>o 1 Finish good per plant</li> <li>o Traceability data will be ensured according to ST labeling procedures</li> </ul>
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### 7. Timing / schedule

7.1 Date of qualification results	2022-04-11
7.2 Intended start of delivery	2022-05-13
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)**

13377 Public product.pdf

13377 PCN ST33G1M2M DFN8 WF Transfert UTAC (K8M M2M).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>
	ST4SI2M0020TPIFW	

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## PRODUCT CHANGE NOTIFICATION

PCN MDG/SMD 13377

### ST33G1M2M

### Introduction of a new plant Utac Thai Limited for DFN8 5\*6 Wettable flank Assembly

#### What are the changes?

ST33G1M2M DFN8 5\*6 Wettable Flank assembly process is currently performed in AMKOR TECHNOLOGY P3 (Philippines).

In order to increase our volume capacity, ST will qualify a second plant - Utac Thai Limited (Thailand).

#### Why?

DFN8 5\*6 Wettable Flank volume capacity increase with double source manufacturing

#### When?

Target is to qualify Utac Thai Limited (Thailand) assembly plant by W19 2022

#### How will the change be qualified?

According to ST sawn process qualification specification

Qualification plan to be communicated to customer upon request.

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

- **Form:** no impact
- **Fit:** no impact
- **Function:** no impact

**How can the change be seen?**

- No difference foreseen at customer level.
- Same process will be applied on the two plants.
- Commercial product reference will be same for the two manufacturing plants (CP)
- Finish Good reference will change to track the plant source
  - 1 Finish good per plant
  - Traceability data will be ensured according to ST labeling procedures

**Introduction of a new plant Utac Thai Limited for DFN8 5\*6 Wettable flank Assembly**  
**Appendix A- Product Change Notification**

<b>Product family / Commercial products:</b>	ST33G1M2M in DFN8 6*5 Wettable Flank
<b>Type of change:</b>	New assembly plant qualification (double source)
<b>Reason for the change:</b>	Volume capacity increase
<b>Description of the change:</b>	Copy process currently used in AMKOR plant to UTAC plant
<b>Date of notification to the customer:</b>	Week 15
<b>Forecast date of Qualification samples availability for customer(s):</b>	Upon customer request starting from W19 2022
<b>Forecast date for the internal STMicroelectronics change, Qualification Report availability:</b>	W19 2022
<b>Description of the qualification program:</b>	Qualification plan and report available upon customer request
<b>Manufacturing location:</b>	Utac Thai Limited Thanon Lasalle, Bang Na, Bangkok 10260 Thaïland
<b>Estimated date of first shipment:</b>	W19 2022

## Introduction of a new plant Utac Thai Limited for DFN8 5\*6 Wettable flank Assembly

## Document Revision History



## 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 :** ST33G1M2M Introduction of a new plant Utac Thai Limited for DFN8 5\*6 Wettable flank Assembly

**PCN Reference :** MDG/22/13377

**Subject :** Public Products List

Dear Customer,

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

ST4SI2M0020TPIFW	ST4SI2M0007AKIFW	ST4SI1M0008SCIFW
ST4SI2M0021TPIFW	ST4SI2M0004TPIFW	

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