


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"> Commercial product reference will be same for the two manufacturing plants (CP) Finish Good reference will change to track the plant source <ul style="list-style-type: none"> 1 Finish good per plant Traceability data will be ensured according to ST labeling procedures
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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		
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
	ST4SI2M0020TPIFW	

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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

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

Document Revision History		
Date	Rev.	Description of the Revision
Oct 15 th , 2021	1.0	Draft



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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