


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/20/12190	
1.3 Title of PCN	ASE Kaohsiung (Taiwan) additional source for TFBGA14x14 for STM32H75 2MB products	
1.4 Product Category	TFBGA14x14 for STM32H75 2MB products	
1.5 Issue date	2020-09-11	

## 2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

## 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: Assembly site (SOP 2617)	ASE Kaohsiung Taiwan

## 4. Description of change

	Old	New
4.1 Description	Back-end sources: - Amkor ATP Philippines	Back-end sources: - Amkor ATP Philippines - ASE Kaohsiung Taiwan - Additional source For more information, please refer to PCN12190 – Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Different manufacturing site Molding compound impacting Package darkness (color) Ball material and Package Outline Assembly (POA) dimensions changes. No other change in spec.	

## 5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional back-end site to maintain state of the art service level to our customers thanks to extra capacity.
5.2 Customer Benefit	CAPACITY INCREASE

## 6. Marking of parts / traceability of change

6.1 Description	Tracability is ensure by ST internal tools. Please refer to PCN12190 Additional information attached document.
-----------------	---

## 7. Timing / schedule

7.1 Date of qualification results	2020-10-30
7.2 Intended start of delivery	2020-10-30
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	12190 MDG-MCD-RERMCD2011 PCN12190 - ASE Kaohsiung additional source for TFBGA 14x14 STM32- reliability plan.pdf
-----------------	---

8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-09-11
--	----------------------------	------------	------------

9. Attachments (additional documentations)
12190 Public product.pdf 12190 MDG-MCD-RERMCD2011 PCN12190 - ASE Kaohsiung additional source for TFBGA 14x14 STM32- reliability plan.pdf 12190 PCN12190_Additional information.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
	STM32H745XIH3	
	STM32H745XIH6	
	STM32H747XIH6	

## **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



## 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 :** ASE Kaohsiung (Taiwan) additional source for TFBGA14x14 for STM32H75 2MB products

**PCN Reference :** MDG/20/12190

**Subject :** Public Products List

Dear Customer,

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

STM32H743XIH6	STM32H745XGH6	STM32H750XBH6
STM32H745XIH3	STM32H747XGH6	STM32H745XIH6
STM32H753XIH6	STM32H742XGH6	STM32H755XIH6
STM32H743XGH6	STM32H742XIH6	STM32H757XIH6
STM32H747XIH6	STM32H755XIH3	



### 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.