

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	KRISZTINA NEMETH
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.
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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
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-09-11
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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
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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
	STM32H743XIH6	
	STM32H745XIH6	
	STM32H747XIH6	
	STM32H750XBH6	
	STM32H753XIH6	
	STM32H755XIH6	

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