

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/10549	
1.3 Title of PCN	ASE Kaohsiung (Taiwan) additional source for LQFP 20x20 package products	
1.4 Product Category	LQFP 20x20 listed products	
1.5 Issue date	2019-03-05	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@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 source: - Amkor ATP Philippines	Back-end sources: - Amkor ATP Philippines - ASE Kaohsiung Taiwan - Additional source For more information, please refer to PCN10549 – Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Lead color and surface finish change depending on leadfinishing. Package darkness changes depending on molding compound. Pin1 identifier remains in the same corner but might change in terms of form and positioning. Marking position and size could be different upon assembly site, without any loss of information.	

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	Change is visible through assembly traceability plant, in the marking: - "7B" for Amkor ATP Philippines - "AA" for ASE Kaohsiung Taiwan Please refer to PCN 10549 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2019-04-05
7.2 Intended start of delivery	2019-04-29
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	10549 MDG-MCD-RER1810 PCN10548 PCN10549 PCN10689-ASE Kaohsiung additional source for LQFP 7x7_10x10_14x14_20x20 STM8L STM32- reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-03-05

9. Attachments (additional documentations)
10549 Public product.pdf 10549 MDG-MCD-RER1810 PCN10548 PCN10549 PCN10689-ASE Kaohsiung additional source for LQFP 7x7_10x10_14x14_20x20 STM8L STM32- reliability plan.pdf 10549 PCN10549_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
	STM32L476ZET6	
	STM32L476ZGT6	
	STM32L486ZGT6	
	STM32F446ZET6U	
	STM32F722ZCT6	
	STM32F722ZET6	
	STM32F723ZCT6	
	STM32F723ZET6	
	STM32F730Z8T6	
	STM32F732ZET6	
	STM32F733ZET6	
	STM32F750Z8T6	
	STM32H743ZIT6	
	STM32H753ZIT6	
	STM32L476ZGT3	
	STM32L486ZGT3	
	STM32L496ZET6	
	STM32L496ZGT3	
	STM32L496ZGT6	
	STM32L496ZGT6P	
	STM32L4A6ZGT6P	
	STM32L4R5ZGT6	
	STM32L4R5ZIT6	
	STM32L4R5ZIT6P	
	STM32L4R7ZIT6	
	STM32L4R9ZGT6	
	STM32L4R9ZIT6	
	STM32L4S5ZIT6	
	STM32L4S7ZIT6	
	STM32L4S9ZIT6	

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