


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	MARCELI SMIALKOWSKI
2.1.2 Phone	+44 1628896277
2.1.3 Email	marceli.smialkowski@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
	STM32F217ZET7	

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Public Products List

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PCN Title : ASE Kaohsiung (Taiwan) additional source for LQFP 20x20 package products

PCN Reference : MDG/19/10549

Subject : Public Products List

Dear Customer,

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

STM32F215ZGT6	STM32F427ZGT6	STM32F205ZGT6W
STM32L4R9ZIT6	STM32F407ZGT7	STM32L151ZDT6
STM32F103ZCT7TR	STM32F100ZCT6B	STM32F207ZFT6
STM32F103ZET6	STM32F723ZET7	STM32F439ZGT6
STM32F217ZGT6	STM32F103ZET7	STM32F429ZIT6TR
STM32F469ZIT6	STM32L162ZDT6	STM32F405ZGT6
STM32L476ZET6TR	STM32F405ZGT6V	STM32F746ZGT6
STM32F103ZGT6	STM32F412ZGT6	STM32F207ZCT7
STM32L162ZET6	STM32F207ZGT6TR	STM32F429ZET6
STM32F207ZET6TR	STM32F412ZGT6TR	STM32F103ZDT6
STM32F101ZGT6	STM32F765ZIT7	STM32F207ZET6
STM32F205ZGT6V	STM32F207ZCT7TR	STM32F479ZIT6
STM32F217ZET6	STM32F417ZGT6	STM32F103ZCT6TR
STM32F723ZET6	STM32F439ZIT6	STM32F415ZGT6
STM32F469ZET6	STM32L4S7ZIT6	STM32F429ZGT6
STM32L4S5ZIT6	STM32F722ZET6TR	STM32L152ZET6
STM32F205ZCT6TR	STM32L162ZCT6	STM32F205ZGT6J
STM32F777ZIT6	STM32F446ZET6	STM32F103ZGT6J
STM32F427ZIT6TR	STM32H753ZIT6	STM32F217ZET7
STM32L471ZET6	STM32F101ZDT6	STM32L151ZCT6
STM32F205ZCT6	STM32L476ZET6	STM32F437ZIT7
STM32F407ZET6	STM32F407ZGT6J	STM32F427ZIT7TR
STM32F730Z8T6	STM32H743ZIT6	STM32L151ZCT6TR
STM32F765ZGT7	STM32L486ZGT6	STM32F205ZET7
STM32F405ZGT6J	STM32F207ZGT6J	STM32F103ZGT6TR
STM32F215ZGT7TR	STM32F429ZGT6TR	STM32F205ZCT7TR
STM32F207ZGT6	STM32F437ZGT6	STM32F437ZIT6
STM32L152ZCT6TR	STM32F405ZGT6W	STM32F413ZGT6
STM32L4S9ZIT6	STM32F207ZGT7	STM32F100ZET7B
STM32F103ZCT6	STM32F446ZCT6JTR	STM32F205ZGT6TR
STM32F767ZIT6	STM32F417ZET6	STM32F303ZET6
STM32F746ZET6	STM32F100ZDT6B	STM32L486ZGT3
STM32L151ZET6	STM32L496ZET6	STM32F405ZGT7
STM32F746ZGT7	STM32F407ZGT6	STM32F302ZET6
STM32F745ZGT7	STM32F437ZIT7TR	STM32F205ZGT6
STM32F101ZCT6	STM32F722ZET6	STM32F215ZET6



Public Products List

STM32F429ZET6TR	STM32F103ZFT6	STM32F101ZET6
STM32F103ZET6TR	STM32F756ZGT6	STM32F412ZET6
STM32L562ZET6	STM32F750Z8T6	STM32F407ZET7
STM32F745ZGT6	STM32F207ZCT6	STM32L152ZCT6
STM32F205ZET6	STM32L476ZGT6TR	STM32F103ZCT7
STM32F765ZIT6	STM32L4R5ZIT6P	STM32F205ZET6TR
STM32L552ZET6Q	STM32F429ZIT6	STM32F407ZGT6TR
STM32F100ZET6BTR	STM32F446ZCT6	STM32L471ZGT6
STM32F723ZCT6	STM32F423ZHT3	STM32F427ZIT6
STM32F722ZCT6	STM32F205ZET7TR	STM32F413ZHT3
STM32F767ZGT6	STM32F101ZFT6	STM32F205ZFT6
STM32F765ZIT7TR	STM32F732ZET6	STM32L4R9ZGT6
STM32F205ZGT7	STM32L496ZGT6	STM32F479ZGT6
STM32L496ZGT3	STM32F215ZGT7	STM32F733ZET6
STM32L562ZET6Q	STM32F765ZGT6TR	STM32L152ZET6D
STM32L552ZET6P	STM32F446ZET7	STM32L4R5ZGT6
STM32F215ZET6TR	STM32F423ZHT6	STM32F745ZET6
STM32L4A6ZGT6P	STM32F427ZIT7	STM32F205ZCT7
STM32L4A6ZGT6	STM32F302ZDT6	STM32F765ZGT6
STM32L552ZET6	STM32L476ZGT6	STM32F303ZDT6
STM32F413ZHT6	STM32F100ZDT6BTR	STM32L476ZGT3
STM32L496ZGT6P	STM32F469ZGT6	STM32L471ZET6TR
STM32L4R5ZIT6	STM32L152ZDT6	STM32F100ZET6B
STM32F303ZET7	STM32L4R7ZIT6	STM32L496ZGT6TR
STM32F429ZIT6E	STM32F429ZIT6G	



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