

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/10457	
1.3 Title of PCN	ASE Kaohsiung (Taiwan) additional source for WLCSP 12"	
1.4 Product Category	WLCSP 12" listed products	
1.5 Issue date	2019-04-17	

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: - Stats ChipPAC Singapore (SCS) WLCSP8" - ASE Kaohsiung WLCSP8" - Amkor ATT Taiwan WLCSP12"	Back-end source: - Stats ChipPAC Singapore (SCS) WLCSP8" - ASE Kaohsiung WLCSP8" - Amkor ATT Taiwan WLCSP12" - ASE Kaohsiung Taiwan Additional source for WLCSP12" For more information, please refer to PCN10457 – Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Ball A1 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 in the marking. Please refer to PCN 10457 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2019-06-14
7.2 Intended start of delivery	2019-07-14
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
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8.1 Description	10457 MDG-MCD-RER1909-PCN 10457-ASE Kaohsiung additional source for WLCSP12pptx.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-04-17

9. Attachments (additional documentations)			
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10457 Public product.pdf 10457 MDG-MCD-RER1909-PCN 10457-ASE Kaohsiung additional source for WLCSP12pptx.pdf 10457 PCN10457_Additional information.pdf			
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10. Affected parts		
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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
	STM32F415OGY6TR	
	STM32F439ZIY6UTR	

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Public Products List

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PCN Title : ASE Kaohsiung (Taiwan) additional source for WLCSP 12"

PCN Reference : MDG/19/10457

Subject : Public Products List

Dear Customer,

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

STM32F405OGY6TR	STM32F413MHY6TR	STM32F439ZGY6TR
STM32L072CZY3TR	STM32F429ZGY6TR	STM32L031E6Y6DTR
STM32L072CZY6TR	STM32F439ZIY6TR	STM32L051T6Y6TR
STM32F405OEY6TR	STM32F412RGY6TR	STM32F446MCY6TR
STM32L412TBY6TR	STM32L4R5ZIY6TR	STM32F733VEY6TR
STM32F723VEY6TR	STM32F469AIY6TR	STM32L051T8Y6DTR
STM32L552MEY6PTR	STM32F429ZIY6TR	STM32L051T8Y7DTR
STM32L152UCY6TR	STM32L4R9ZGY6TR	STM32F410TBY6TR
STM32L052T8Y6TR	STM32L476JGY3TR	STM32F412REY6TR
STM32L052T8Y7TR	STM32F423MHY3TR	STM32F205REY6TR
STM32L051T8Y6TR	STM32WB55VGY6TR	STM32F411CEY3TR
STM32F412RGY6PTR	STM32WB55VEY6TR	STM32L433CCY6TR
STM32F401CDY6TR	STM32L011E3Y6TR	STM32L476JGY6TR
STM32L162VDY6XTR	STM32L082CZY6TR	STM32F411CEY6TR
STM32L552MEY6QTR	STM32L476JGY6PTR	STM32L4A6VGY6TR
STM32F410TBY7TR	STM32F415OGY6TR	STM32F423MHY6TR
STM32L452REY6TR	STM32L151VDY6XTR	STM32L476MGY6TR
STM32L151UCY6TR	STM32L433RCY6TR	STM32L476JEY6TR
STM32L031E4Y6TR	STM32G071EBY6TR	STM32L072CZY6DTR
STM32F746ZGY6TR	STM32L052T6Y6TR	STM32F413MGY6TR
STM32F410T8Y6TR	STM32L476JGY7TR	STM32F746ZEY6TR
STM32F479AIY6TR	STM32L152VEY6TR	STM32L151UCY7TR
STM32L431CBY6TR	STM32L443CCY6TR	STM32L486JGY6TR
STM32L072CBY6TR	STM32L041E6Y6TR	STM32L431CBY7TR
STM32L433CCY3TR	STM32L4R9ZIY6PTR	STM32L4A6VGY6PTR
STM32L496VGY6TR	STM32L562MEY6QTR	STM32L4S5ZIY6TR
STM32F779AIY6TR	STM32L443RCY6TR	STM32L422TBY6TR
STM32L151VEY6TR	STM32L452REY6PTR	STM32L476MEY6TR
STM32F401CCY6TT	STM32L071CZY6TR	STM32L4R9ZIY6TR
STM32L071CBY6TR	STM32F756ZGY6TR	STM32F411CCY6TR
STM32L433CBY6TR	STM32L082CZY3TR	STM32F769AIY6TR
STM32L431RBY6TR	STM32L562MEY6PTR	STM32F410TBY3TR
STM32F205RGY6TR	STM32L496VGY6PTR	STM32L462REY6TR
STM32L412TBY6PTR	STM32F429ZIY6JTR	STM32L4S9ZIY6TR
STM32L011E4Y6TR	STM32L431RCY6TR	STM32L162VEY6TR
STM32L431CCY6TR	STM32L031E6Y6TR	STM32WB55VCY6TR



Public Products List

STM32F446MEY6TR	STM32L4R5ZGY6TR	STM32L451REY6TR
STM32F469AGY6TR	STM32F778AIY6TR	STM32WB55VGY7TR
STM32L433RCY3TR	STM32L433RBY6TR	STM32F405OGY6VTR
STM32F405OGY6WTR	STM32L476JGY6VTR	STM32L476JEY6VTR



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