PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	STMicroelectronics International N.V
1.2 PCN No.	MDG/17/10458
1.3 Title of PCN	ASE Kaohsiung (Taiwan) additional source for WLCSP listed products
1.4 Product Category	WLCSP listed products
1.5 Issue date	2017-12-28

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	Michel BUFFA
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: - Stats ChipPAC Singapore (SCS) - Amkor ATT (Taiwan)	Back-end sources: - Stats ChipPAC Singapore (SCS) - Amkor ATT (Taiwan) - ASE Kaohsiung (Taiwan) - Additional source For more information, please refer to PCN 10458 – Additional information attached document.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no change	

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 plant code in the marking: - "8N" at Stats ChipPAC SCS (Singapore) - "A3" at Amkor ATT (Taiwan) - "AA" at ASE Kaohsiung (Taiwan) Please refer to PCN 10458 – Additional information attached document.

7. Timing / schedule

7.1 Date of qualification results	2018-04-20
7.2 Intended start of delivery	2018-04-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	10458 MDG-MCD-RER1714 PCN10458 ASEKH_WLCSP reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2017-12-28

9. Attachments (additional documentations)
10458 Public product.pdf 10458 MDG-MCD-RER1714 PCN10458 ASEKH_WLCSP reliability plan.pdf 10458 PCN10458_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**
	STM32F091RCY6TR	
	STM32F098RCY6TR	
	STM32F318C8Y6TR	
	STM32L051T8Y6DTR	
	STM32L072CZY6TR	