

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	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@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
	STM32F031E6Y6TR	
	STM32F051T8Y6TR	
	STM32F091RCY6TR	
	STM32F301C8Y6TR	
	STM32F103RCY6TR	
	STM32F103REY6TR	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : ASE Kaohsiung (Taiwan) additional source for WLCSP listed products

PCN Reference : MDG/17/10458

Subject : Public Products List

Dear Customer,

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

STM32L052T8Y6TR	STM32L072CZY3TR	STM32L072CZY6TR
STM32F103REY6TR	STM32L051T6Y6TR	STM32L151VEY6TR
STM32F078CBY6TR	STM32L151UCY7TR	STM32L051T8Y6DTR
STM32F042T6Y6TR	STM32L071CZY6TR	STM32F103RCY6TR
STM32L051T8Y7DTR	STM32F072CBY6TR	STM32F048T6Y6TR
STM32F378RCY6TR	STM32L152UCY6TR	STM32L051T8Y6TR
STM32L151UCY6TR	STM32F303VCY6TR	STM32F098RCY6TR
STM32F334C8Y7TR	STM32F072CBY7TR	STM32F334C8Y6TR
STM32F031E6Y6TR	STM32F038E6Y6TR	STM32L052T6Y6TR
STM32F302C8Y6TR	STM32L162VDY6XTR	STM32F303C8Y6TR
STM32F091RCY7TR	STM32F303VEY6TR	STM32F051T8Y6TR
STM32L082CZY6TR	STM32L151VDY6XTR	STM32L162VEY6TR
STM32F103RDY6TR	STM32L052T8Y7TR	STM32L072CZY6DTR
STM32L072CBY6TR	STM32F301C8Y6TR	STM32L152VEY6TR
STM32F071CBY6TR	STM32L071CBY6TR	STM32F058T8Y6TR
STM32F091RCY6TR	STM32F318C8Y6TR	STM32F302VCY6TR



IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.