


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/17/10546	
1.3 Title of PCN	ASE Kaohsiung (Taiwan) additional source for LQFP 7x7 STM32F0-F1-F3 listed products	
1.4 Product Category	LQFP 7x7 STM32F0-F1-F3 listed products	
1.5 Issue date	2017-12-21	

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 Jiangyin China (JSCC) - ST Muar Malaysia - Amkor ATP Philippines	Back-end sources: - Stats ChipPAC Jiangyin China (JSCC) - ST Muar Malaysia - Amkor ATP Philippines - ASE Kaohsiung Taiwan - Additional source For more information, please refer to PCN 10546 – 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.	

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: - "GQ" and "GH" for Stats ChipPAC China - "9H" for ST Muar Malaysia - "7B" for Amkor Philippines - "AA" for ASE Kaohsiung Taiwan Please refer to PCN 10546 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2018-03-30
7.2 Intended start of delivery	2018-03-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10546 MDG-MCD-RER1717 PCN10546 ASEKH_LQFP 7x7 STM32F0_F1_F3 reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2017-12-21

9. Attachments (additional documentations)

10546 Public product.pdf
 10546 MDG-MCD-RER1717 PCN10546 ASEKH_LQFP 7x7 STM32F0_F1_F3 reliability plan.pdf
 10546 PCN10546_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
	STM32F030C6T6	
	STM32F030C6T6TR	
	STM32F030C8T6	
	STM32F030C8T6TR	
	STM32F030CCT6	
	STM32F030K6T6	
	STM32F030K6T6TR	
	STM32F031C4T6	
	STM32F031C6T6	
	STM32F042C6T6	
	STM32F042K6T6	
	STM32F051C4T6	
	STM32F051C6T6	
	STM32F051C8T6	
	STM32F051C8T6TR	
	STM32F051K4T6	
	STM32F051K6T6	
	STM32F051K8T6	
	STM32F070C6T6	
	STM32F070CBT6	
	STM32F071CBT6	
	STM32F072C8T6	
	STM32F072CBT6	
	STM32F091CBT6	
	STM32F091CCT6	
	STM32F100C4T6B	
	STM32F100C6T6B	
	STM32F100C8T6B	
	STM32F100CBT6B	
	STM32F101C6T6A	
	STM32F101C8T6	
	STM32F101CBT6	
	STM32F102C6T6A	
	STM32F102C8T6	
	STM32F102CBT6	
	STM32F103C4T6A	
	STM32F103C6T6A	
	STM32F103C6T7A	
	STM32F103C8T6	

	STM32F103C8T6TR	
	STM32F103C8T7	
	STM32F103CBT6	
	STM32F103CBT6TR	
	STM32F103CBT7	
	STM32F103CBT7TR	
	STM32F301C8T6	
	STM32F302C8T6	
	STM32F303C8T6	
	STM32F303K8T6	
	STM32F334C4T6	
	STM32F334C6T6	
	STM32F334C8T6	
	STM32F334K4T6	
	STM32F334K6T6	
	STM32F334K8T6	



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 LQFP 7x7 STM32F0-F1-F3 listed products

PCN Reference : MDG/17/10546

Subject : Public Products List

Dear Customer,

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

STM32F334C6T6	STM32F051K6T6	STM32F100CBT6B
STM32F100CBT6BTR	STM32F301K8T6	STM32F038C6T6
STM32F072C8T6TR	STM32F102CBT6TR	STM32F072C8T6
STM32F100C4T7B	STM32F051C8T6TR	STM32F038C6T7
STM32F102C8T6TR	STM32F100C6T7B	STM32F103C8T7
STM32F103CBT6	STM32F302C6T6	STM32F100C8T7BTR
STM32F103CBT7	STM32F030C6T6	STM32F070CBT6TR
STM32F334C6T7	STM32F101CBT6	STM32F042K6T7
STM32F072CBT6TR	STM32F101CBT6TR	STM32F100C6T6B
STM32F071CBT7	STM32F102CBT6	STM32F103C8T6
STM32F051C6T6TR	STM32F031K6T7	STM32F051K6T7TR
STM32F102C8T6	STM32F100C6T6BTR	STM32F051K8T6
STM32F091CBT6	STM32F051K4T6	STM32F051C6T6
STM32F072C8T7	STM32F103C6T7ATR	STM32F051K6T6TR
STM32F030C8T6	STM32F031C6T7TR	STM32F031C4T6TR
STM32F091CCT6TR	STM32F100C4T6B	STM32F303K8T6
STM32F100CBT7BTR	STM32F071C8T6	STM32F070CBT6
STM32F103C8T7TR	STM32F102C4T6A	STM32F071CBT6
STM32F334C8T7	STM32F103CBT7TR	STM32F072CBT6
STM32F101C8T6	STM32F030C6T6TR	STM32F031K6T6
STM32F031C6T6TR	STM32F051C8T6	STM32F042C6T6
STM32F031C6T6	STM32F100C8T7B	STM32F051C8T7
STM32F070C6T6TR	STM32F078CBT6	STM32F103C4T6A
STM32F103CBT6TR	STM32F072CBT7	STM32F091CBT6TR
STM32F334C8T6	STM32F042K6T6	STM32F051K8T6TR
STM32F051K8T7	STM32F030K6T6	STM32F334K6T6
STM32F334C6T7TR	STM32F031C6T7	STM32F030K6T6TR
STM32F051C6T7	STM32F101C6T6A	STM32F051C4T6TR
STM32F103C6T7A	STM32F103C6T6A	STM32F102C6T6ATR
STM32F100C8T6B	STM32F051K4T6TR	STM32F334K8T6
STM32F098CCT6	STM32F101C8T6TR	STM32F051C4T6
STM32F071CBT6TR	STM32F102C4T6ATR	STM32F101C6T6ATR
STM32F042C4T6	STM32F051C8T7TR	STM32F091CCT6J
STM32F030CCT6TR	STM32F100CBT7B	STM32F334C6T6TR
STM32F101C4T6A	STM32F103C8T6TR	STM32F051K6T7
STM32F031C4T6	STM32F070C6T6	STM32F334C8T7TR



Public Products List

STM32F100C4T6BTR	STM32F100C8T6BTR	STM32F091CBT7TR
STM32F303C6T6	STM32F030C8T6TR	STM32F334C4T6
STM32F302C8T6	STM32F328C8T6	STM32F302C8T7
STM32F042K4T6	STM32F091CCT6	STM32F334K4T6
STM32F071CBT7TR	STM32F303K6T6	STM32F301C8T7
STM32F301C6T6	STM32F301C8T6	STM32F102C6T6A
STM32F091CCT7	STM32F334K8T6TR	STM32F301C6T7
STM32F334K8T7	STM32F301C8T6TR	STM32F301C6T6TR
STM32F098CCT7	STM32F303C8T6	STM32F318C8T6
STM32F030CCT6		



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