


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/18/10548	
<b>1.3 Title of PCN</b>	ASE Kaohsiung (Taiwan) additional source for LQFP 7x7 & LQFP 10x10 extended listed products	
<b>1.4 Product Category</b>	LQFP 7x7 & LQFP 10x10 listed products	
<b>1.5 Issue date</b>	2018-12-12	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	MARCELI SMIALKOWSKI
<b>2.1.2 Phone</b>	+44 1628896277
<b>2.1.3 Email</b>	marceli.smialkowski@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	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 PCN10548 – Additional information attached document.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	Lead color and surface finish change depending on leadfinishing. Package darkness changes depending on molding compound. Pin1 identifier can 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**

<b>5.1 Motivation</b>	Due to the success on the market of STM8L & 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.
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	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 ATP Philippines - "AA" for ASE Kaohsiung Taiwan Please refer to PCN 10548 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2018-12-10
<b>7.2 Intended start of delivery</b>	2019-03-10

7.3 Qualification sample available?	Upon Request
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8. Qualification / Validation			
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8.1 Description	10548 MDG-MCD-RER1810 PCN10548 ASE Kaohsiung additional source for LQFP 7x7_10x10_14x14_20x20- reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-12-12

9. Attachments (additional documentations)			
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10548 Public product.pdf 10548 MDG-MCD-RER1810 PCN10548 ASE Kaohsiung additional source for LQFP 7x7_10x10_14x14_20x20- reliability plan.pdf 10548 PCN10548_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
	STM32F105RBT6	

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## 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 & LQFP 10x10 extended listed products

**PCN Reference :** MDG/18/10548

**Subject :** Public Products List

Dear Customer,

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

STM32L100R8T6ATR	STM32F100R4T6BTR	STM32F100R8T6BTR
STM32L486RGT6ATR	STM32L100RBT6ATR	STM32F100R6T6BTR
STM32L151C6T6ATR	STM32F100RET6BTR	STM32F103RFT6JTR
STM32F100R8T7BTR	STM32F100RCT6BTR	STM32L151RBT6ATR
STM32L151CBT6ATR	STM32F100RBT6BTR	STM32F103R6T6ATR
STM32F100RET7BTR	STM32L151RCT6ATR	STM32L151C8T6ATR
STM32F101R6T6ATR	STM32F401RET6JTR	STM32F103RGT6JTR
STM32L151R8T6ATR	STM32L151RBT7ATR	STM32F100RDT6BTR
STM32F373C8T6	STM8L151C6T3TR	STM32L151CCT7
STM32F411RET6	STM32F101R8T6TR	STM32F051R4T6
STM32L051K6T6	STM32F105RBT6TR	STM32F205RCT6TR
STM32F215RGT6	STM32F101RGT6TR	STM32F303RBT7TR
STM32L083CZT6	STM32F215RGT6TR	STM8L151C4T6
STM32F401RBT6	STM32F205RBT6TR	STM32F205RBT6
STM32F101RET6	STM8L151C3T3	STM32L053R8T6
STM32L071KBT6TR	STM32L053R8T6D	STM32F100R4T6B
STM32F302CCT7	STM32F303CCT6	STM32L083RZT6
STM32F303RET6	STM32F411RCT7TR	STM32F051R8T7
STM32L152RCT6A	STM32F405RGT7TR	STM32F102RBT6TR
STM32F103RBT6TR	STM32F405RGT6TR	STM32F303R8T6
STM32G070RBT6	STM32L552RET6P	STM32F205RET6
STM32F101RFT6	STM32L552RET6	STM32F205RGT7
STM8L151C8T3	STM8L101K3T6	STM32F205RCT6
STM32F303CCT6TR	STM32L152RBT6	STM32F415RGT6
STM32L051C8T6	STM32F205RFT6	STM32L476RGT6TR
STM32F101RCT6	STM32F302CBT6	STM32F070RBT6TR
STM32L476RGT6	STM32F401RET6	STM32F101R6T6A
STM32F103R6T6A	STM32L151RBT6A	STM32F103RET6TR
STM32L100R8T6	STM32F101R8T6	STM32L475RCT3
STM32L496RGT3	STM32G071KBT6	STM32L151R6T6
STM8L151K4T3	STM32L010C6T6	STM32F205RGT6TR
STM32L486RGT7	STM32F101RBT6TR	STM32F103R8T6TR
STM32L071CBT7	STM32L051R8T7	STM32L151C6T6TR
STM32F101RET6TR	STM32F205RGT6V	STM32F205RFT6TR
STM32L100R8T6A	STM32F103R8T6	STM32F373CCT6
STM8L052C6T6TR	STM32F100R8T7B	STM32F107RBT6



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STM32F072R8T6	STM32L052C8T6	STM32F070RBT6
STM32L073RZT6	STM32F302RBT6	STM32L412KBT6
STM32F072RBT6TR	STM32F373RCT6	STM32L433RCT6P
STM32F103RDT6	STM8L151K6T6	STM32F072RBT6
STM32F405RGT6W	STM32L151C8T6A	STM32F100RDT7B
STM32F100R8T6B	STM32F410RBT6	STM32L100R8T6TR
STM32L072CBT6	STM32L071CZT7	STM32L053R8T6TR
STM32L051C8T6TR	STM8L101K3T6TR	STM32F411RCT7
STM32L053C8T6	STM32F334R8T6	STM32F401RDT6
STM32F415RGT6TR	STM32F101RBT6	STM32F401RCT7
STM32F101RCT6TR	STM32L041C6T6TR	STM32L152R8T6A
STM32L431RBT6	STM32F303RDT7	STM32F100RBT6B
STM8L152K6T6	STM8L152C4T6	STM32F103RET6
STM32L052C6T6	STM32L051R8T6	STM32L433RCT6TR
STM32L475RET6TR	STM32L151RCT6A	STM32F302R8T6
STM32L151RET6TR	STM32F303CBT6TR	STM32F101RDT6
STM32F071RBT6	STM32F411RCT6	STM32F303RCT6TR
STM32F103R8T7	STM32F302RBT6TR	STM8L152C8T6TR
STM32F072R8T6TR	STM8L152R8T3	STM32F205RGT6W
STM32F101R4T6A	STM32L152R8T6	STM32G071CBT6
STM32L071RBT6	STM32L412RBT6	STM32F401RBT6TR
STM32F103RDT6TR	STM32L452RET3	STM32F103RBT6
STM32F410RBT7	STM32F103RGT6TR	STM32L151R6T6TR
STM32G071RBT6	STM32L041C6T7	STM8L151C3T6
STM32L052R8T7	STM32F100R6T6B	STM32F378CCT6
STM32F412RGT6TR	STM32F101RGT6	STM32F303CBT7TR
STM32F103RCT6	STM32L071CZT6TR	STM32L010K8T6
STM8L052C6T6	STM32F423RHT6	STM32F410CBT3
STM32F301R8T6	STM32F373CBT7	STM32L010R8T6
STM32L152RCT6D	STM32L151CBT6TR	STM32F051R6T6TR
STM32L071CBT3TR	STM8L052R8T6	STM32F303CBT7
STM32F205RET7TR	STM32F103RCT7	STM8L151C4T6TR
STM32F373CCT6TR	STM32L051K8T6	STM32F411RET6TR
STM8L162R8T6	STM32F302RCT6	STM8L151C6T3
STM32F446RCT7	STM32F413RGT6	STM32F107RCT6
STM32F205RGT6	STM8L151C8T6TR	STM32L152C6T6A
STM32F413RHT6	STM32L443RCT6	STM32L431CBT6
STM32L4A6RGT7	STM32F105R8T6TR	STM32F401RDT6TR
STM32L052C8T6D	STM32F303RCT7	STM32F302RET6TR
STM32L151CBT6D	STM32F205RET6TR	STM32L072RBT3
STM32L433RBT6	STM32L431CCT6TR	STM32F205RET7
STM32L100RBT6	STM32L063R8T6	STM32L152RET6
STM32L051R8T6TR	STM32F215RET6TR	STM8L152C6T6
STM8L151R6T6	STM32L051R6T6	STM32L052K8T6
STM32L031K6T6	STM32L151C8T6TR	STM32L053R6T6
STM32L011K4T6	STM32L072RBT6	STM8L152C4T6TR
STM32L072RZT6TR	STM32L431RCT6	STM32L151C6T6
STM32F401RET6TR	STM32F373CBT6	STM32L462RET6
STM32L071C8T6	STM32F405RGT6V	STM32F378RCT6
STM8L152R8T6	STM8L152C4T3	STM32F091RCT6



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STM32F303RDT6	STM32L053C8T7	STM32F303RBT7
STM32L152CBT6A	STM8L152K4T6	STM32F205RCT7
STM32L011K4T6TR	STM32F373RBT7	STM8L152C4T3TR
STM32L151CCT7TR	STM8L151R8T6TR	STM32L071KZT6
STM32F410CBT6	STM32L151CBT6	STM32G070CBT6
STM32F051R8T6TR	STM32L031K6T7	STM32F103RCT6TR
STM32F103RET7	STM32F091RBT6	STM32F405RGT6
STM32F105RCT6W	STM32L100RBT6TR	STM32F215RET6
STM32L151RBT6	STM32F051R6T6	STM32L4A6RGT7TR
STM32L476RGT3	STM32F071RBT6TR	STM32L152C8T6A
STM32F105R8T7	STM32F105RCT7	STM8L151K4T6TR
STM32L452RET6	STM8L151R6T6TR	STM32G070KBT6
STM32F030R8T6	STM32F091RCT6TR	STM32L063C8T6
STM32L071RZT6	STM32L151CBT6A	STM32F358CCT6
STM8L052R8T6TR	STM32F205RBT7	STM32L053C6T6
STM8L152R6T6TR	STM32F411RET7	STM32L051C6T6TR
STM32L071CZT3TR	STM32L051C8T7	STM32L552RET6Q
STM32L053C8T6TR	STM32L552CET6	STM8L151C8T6
STM32F334R8T7	STM32L152CCT6D	STM32F303RBT6
STM32F302R8T7	STM32F303CBT6	STM32F334R6T6
STM32F071RBT7TR	STM8L152C8T6	STM32F105RCT6
STM32L152R6T6TR	STM32F373RBT6	STM32F373C8T6TR
STM32L052C8T7	STM32F446RCT7TR	STM32F722RET6
STM8L151C6T6	STM32F401RCT6	STM8L151C2T6
STM32L476RCT6TR	STM32F302R8T6TR	STM32L073CZT3
STM32F302RCT7	STM32F103R8T7TR	STM32F302CBT7
STM32F105RCT6TR	STM32F302CCT6TR	STM32L422CBT6
STM8L151R8T3	STM32L433RCT6	STM32F401RET7
STM32F091RCT7	STM32L071RBT6TR	STM32F102R8T6
STM32F091RCT6J	STM32F051R4T6TR	STM32L053R8T7
STM32L073RZT3	STM32L052R8T6	STM32L431CCT6
STM32F103RGT6	STM32L151R6T6A	STM8L151R8T6
STM32F302RCT6TR	STM8L151K4T6	STM32L021K4T6
STM32L162RCT6A	STM32L063R8T6TR	STM32L151R8T6
STM32L083RZT6TR	STM32F103RFT6TR	STM32F446RET6
STM32F401RCT7TR	STM32F051R8T6	STM32L412R8T6
STM32F373R8T6	STM32F301R6T6	STM32L151RDT6
STM32L152CCT6	STM32L072CZT6	STM32F446RCT6
STM32F030RCT6	STM32L052R6T6	STM32F410R8T6
STM32L151RBT6TR	STM32L072RBT6TR	STM32L433CCT3
STM8L152R6T6	STM32L081CBT6TR	STM32L073RBT6
STM32L475RGT6	STM32F107RCT6TR	STM32F732RET6
STM32F105R8T6	STM32L151RBT6D	STM32L071CZT6
STM32F100RCT6B	STM32L100RBT6A	STM32L152RCT6
STM32F302RET7	STM32L071CBT3	STM32L452RET6P
STM32F100RET6B	STM32F105RCT6V	STM32L451RET6
STM32L162RCT6	STM32F303RBT6TR	STM32L083CBT6
STM32L496RGT6P	STM8L152C6T6TR	STM32F410RBT7TR
STM32L152RCT6TR	STM32F410RBT6TR	STM32F051R6T7TR
STM32L471RGT6TR	STM32F373R8T6TR	STM32F102R6T6A



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STM32L031C6T7D	STM32F358RCT6	STM32F302CBT6TR
STM32F302RDT6TR	STM32F373RCT6TR	STM32L151C8T6
STM32F334R8T7TR	STM32L475RCT7TR	STM32F101RDT6TR
STM32F302RDT6	STM32F722RCT6	STM32L151CCT6J
STM32L475RGT7	STM32F302RET7TR	STM32L4A6RGT6TR
STM32F446RET7	STM32F103RFT6	STM32F030R8T6TR
STM32L051K8T6TR	STM32F373CCT7	STM32L152R8T6TR
STM32L452RCT6	STM32L475RCT6	STM32L100RCT6
STM8L101K3T3TR	STM32F334R8T6TR	STM32L051K6T6TR
STM32L152R6T6A	STM32L053R8T3	STM32L433CCT6
STM32L476RET6	STM32L162RET6TR	STM32L100RCT6TR
STM32L073CBT6	STM32F405RGT7	STM32L433CBT7
STM32L010RBT6	STM32L071RBT7	STM32F303R6T6
STM32L071CZT3	STM32F302CCT6	STM32L031C6T6
STM32L162RDT6	STM32L051K8T7	STM8L152K6T3
STM32F072RBT7TR	STM32L073CZT6	STM32F412RGT6
STM32L152RBT6A	STM32L051C8T3	STM32F446RET7TR
STM32L083CZT6TR	STM32L071CBT6	STM32L433CBT6
STM32F078RBT6	STM8L152K4T6TR	STM32F103R6T7A
STM32L072RZT6	STM32L152R6T6	STM8L151C4T3
STM32L071RZT6TR	STM32F446RCT6TR	STM32L431RBT6TR
STM32F102RBT6	STM32F722RET7	STM32L433RCT3
STM32L451RET6TR	STM32L082KZT6	STM32F302RCT7TR
STM32L476RCT6	STM32L151RDT6TR	STM32F302RDT7
STM32L152C6T6	STM32L412CBT6	STM32L151RCT6
STM32F303RET7	STM32F302RET6	STM32F412RET6
STM32L052K8T6D	STM32L486RGT7TR	STM32F730R8T6
STM32L476RET6TR	STM32F401RCT6TR	STM32L052K8T7
STM32L072KZT6	STM32L072CZT6TR	STM32F107RCT7
STM32F100RDT6B	STM32F107RBT6TR	STM32L152RDT6
STM32L151RET6	STM32L412K8T6	STM32L072CZT7TR
STM32L072CZT7	STM32L071C8T6TR	STM32F103RGT7
STM32L151RCT6TR	STM32L475RCT7	STM32L422RBT6
STM8L151C8T7	STM32G081RBT6	STM32L052K6T6
STM32L151RBT7A	STM32L151RDT7	STM32F302R6T6TR
STM32L4A6RGT6P	STM32F072RBT7	STM32F105RBT6
STM32L471RET6	STM32L552CET6P	STM32L162RET6
STM32F058R8T6	STM32F413RGT6TR	STM32L041K6T7
STM32F030RCT6TR	STM32L152CBT6	STM32L071KBT6
STM32F302RBT7	STM32L081CZT6	STM32L496RGT6TR
STM32L552CET6Q	STM32L496RGT6	STM32L011K4T6D
STM32L443CCT6	STM32L452RET6TR	STM32F303RCT6
STM32L443RCT6TR	STM32L031C6T7	STM32L475RET6
STM32L062K8T6	STM32L053C6T7	STM32F303RET6TR
STM32F098RCT6	STM32F103R4T6A	STM32L031K6T6TR
STM32L073RZT6TR	STM32F412RET6TR	STM32L162RDT6TR
STM8L151K6T3	STM32L496RET6	STM32L162RCT6TR
STM32L151CCT6	STM32L081KZT6	STM32L053C8T6D
STM32L422KBT6	STM32L151R8T6A	STM32L152C8T6
STM32L051C6T6	STM32L151C6T6A	STM32L4A6RGT6



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STM32L051C8T7TR	STM32L475RGT7TR	STM32L151CCT6TR
STM32L486RGT6	STM32L071CBT6TR	STM32F102R4T6A
STM32L451RCT6	STM8L101K3T3	STM32L071C8T7
STM32F302R6T6	STM32L081CBT6	STM32L412C8T6
STM32L471RGT6	STM32L031C4T6	STM32L486RGT6TR
STM32L010K4T6		





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