


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/11628	
1.3 Title of PCN	ST Muar (Malaysia) HD line capacity extension STM8 & STM32 LQFP 10x10 64L additional products	
1.4 Product Category	STM8 & STM32 LQFP 10x10 64L listed products	
1.5 Issue date	2019-07-02	

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
Materials	New direct material part number (same supplier, different supplier or new supplier), Bond wire material, diameter	ST Muar (Malaysia)

4. Description of change

	Old	New
4.1 Description	Back-end sources: - Stats ChipPAC JSCC Jiangyin China - ST Muar Malaysia (existing capacity line) - Amkor ATP Philippines - ASE Kaohsiung Taiwan	Back-end sources: - Stats ChipPAC JSCC Jiangyin China - ST Muar Malaysia (existing capacity line) - Amkor ATP Philippines - ASE Kaohsiung Taiwan - ST Muar Malaysia (extended capacity line)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	SS marking is inserted. Pin1 identifier remains in the same corner but might change in terms of form and positioning. Package darkness changes depending on molding compound.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM8 and 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 11628 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2019-06-17
7.2 Intended start of delivery	2019-07-17
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11628 MDG-MCD-RER1910 PCN11330-11628 ST MUAR HD line capacity extension STM8 & STM32 LQFP 10x10 64L.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-07-02
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9. Attachments (additional documentations)

11628 Public product.pdf
 11628 MDG-MCD-RER1910 PCN11330-11628 ST MUAR HD line capacity extension STM8 & STM32 LQFP 10x10 64L.pdf
 11628 PCN11628_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
	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 : ST Muar (Malaysia) HD line capacity extension STM8 & STM32 LQFP 10x10 64L additional products

PCN Reference : MDG/19/11628

Subject : Public Products List

Dear Customer,

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

STM32F103RFT6JTR	STM32F302RET7	STM32F101R8T6TR
STM32F051R4T6	STM32F105RBT6TR	STM32F107RCT6
STM32F302RCT7	STM32F100RET6B	STM32F105RCT6V
STM32F101RGT6TR	STM32F303RBT7TR	STM32F101RFT6
STM32F100R8T6BTR	STM32F303RBT6TR	STM32F100RET7BTR
STM32F303R8T6	STM32F101RBT6TR	STM32F071RBT6
STM32F303RET6	STM32F051R6T7TR	STM8L052R8T6TR
STM32F051R8T7	STM32F378RCT6	STM32F051R8T6TR
STM32F091RCT6J	STM32L152RCT6A	STM32F070RBT6TR
STM32F373R8T6TR	STM32F102RBT6TR	STM32F103RBT6TR
STM32F102R6T6A	STM8S207R8T3	STM32F358RCT6
STM32F072R8T6TR	STM32F072RBT6	STM32F030R8T6TR
STM32L152RBT6	STM8S207RBT6	STM32F302RDT6TR
STM32F373RCT6TR	STM32F334R8T7TR	STM32F101RDT6TR
STM32F101R6T6A	STM32F103R6T6A	STM32F103RET6TR
STM32F302RDT6	STM32L100R8T6	STM32F101R8T6
STM32F030R8T6	STM32F302RET7TR	STM32L151R6T6
STM32L151RCT6ATR	STM32F105RCT6W	STM32F091RCT6TR
STM8L052R8T6	STM32F103R8T6TR	STM32F103RFT6
STM32F302RBT6TR	STM32F302RBT6	STM32F101RET6TR
STM32F058R8T6	STM32F071RBT6TR	STM32F103RET6
STM32L152R8T6TR	STM32F302RCT6TR	STM32F103R8T6
STM32F100R8T7B	STM32F107RBT6	STM32F072R8T6
STM32F070RBT6	STM32F072RBT7TR	STM32F334R8T6TR
STM32F071RBT7TR	STM32F072RBT6TR	STM32F373RCT6
STM8S207RBT6TR	STM8S208RBT6	STM32F100RDT7B
STM32F373R8T6	STM32F100R8T6B	STM32F098RCT6
STM32F051R4T6TR	STM32F303RCT7	STM32L100R8T6TR
STM32F102R8T6	STM32F103RCT6	STM32F334R8T6
STM32F091RBT6	STM32F101RCT6TR	STM32F303R6T6
STM32F303RDT7	STM32F100RBT6B	STM32F103RCT7
STM32L162RDT6	STM32F100R6T6BTR	STM32F051R6T6
STM32L100RBT6	STM32F030RCT6	STM8S207R8T3TR
STM32L151RCT6A	STM32F302R8T6	STM32L151RBT6TR
STM32F303RCT6TR	STM32F105RCT6TR	STM32L152R8T6
STM8L152R8T3	STM32F101R4T6A	STM32F051R8T6



Public Products List

STM32F103R8T7TR	STM32F078RBT6	STM32F103R6T7A
STM32F103RBT6	STM32F103RDT6TR	STM32F105R8T6TR
STM32F103RGT6TR	STM32F101R6T6ATR	STM32L151R6T6TR
STM32L152R6T6	STM32F100R6T6B	STM32F101RGT6
STM32F101RCT6	STM32F101RBT6	STM8L151R6T6TR
STM32F301R8T6	STM32F103RFT6TR	STM32F051R6T6TR
STM32F091RCT6	STM32F302RCT7TR	STM32L151RDT6TR
STM32F030RCT6TR	STM32F302RDT7	STM8L162R8T6
STM32F302RCT6	STM32F103RGT6	STM32F101RDT6
STM32F303RET7	STM32F302RET6	STM32F101RET6
STM32F102RBT6	STM32F302RET6TR	STM32F303RBT6
STM32F091RCT7	STM8S207RBT3	STM32F100R8T7BTR
STM8L151R6T6	STM32F103RGT6JTR	STM32F100RET6BTR
STM8S208RBT3	STM32F107RCT7	STM32F100RDT6B
STM32F107RBT6TR	STM32L152RDT6	STM32F103RDT6
STM32F103R8T7	STM8S207R6T6	STM32F103RCT6TR
STM8S208R8T6	STM8L152R8T6	STM32F103RET7
STM32F303RDT6	STM32F303RBT7	STM32F103RGT7
STM32F373RBT7	STM32L151RDT7	STM32F302R6T6TR
STM32L100RBT6TR	STM8S207R8T6TR	STM32F072RBT7
STM32F105RBT6	STM8L152R6T6TR	STM32F100R4T6B
STM32F100R4T6BTR	STM32L151RBT6	STM8L151R8T6TR
STM32F105R8T7	STM32F107RCT6TR	STM32F105RCT7
STM32L151R8T6	STM32F303RCT6	STM32F302RBT7
STM32F373RBT6	STM32F334R8T7	STM32F302R8T7
STM32F334R6T6	STM32L152R6T6TR	STM32F303RET6TR
STM32F103R4T6A	STM32F302R8T6TR	STM32F100RCT6BTR
STM32F105R8T6	STM32L162RDT6TR	STM8S207R8T6
STM32F100RBT6BTR	STM32F100RDT6BTR	STM8L151R8T3
STM32F105RCT6	STM8L151R8T6	STM32L162RCT6A
STM8S207R6T6TR	STM32F102R4T6A	STM32F301R6T6
STM32L151RDT6	STM8L152R6T6	STM32F302R6T6
STM32F103R6T6ATR	STM32F100RCT6B	



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