


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/19/10994	
<b>1.3 Title of PCN</b>	ST Muar (Malaysia) back-End line capacity extension STM32 LQFP 14x14 SHD 100L listed products	
<b>1.4 Product Category</b>	STM32 LQFP 14x14 100L listed products	
<b>1.5 Issue date</b>	2019-11-15	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	NEMETH KRISZTINA
<b>2.1.2 Phone</b>	+49 89460062210
<b>2.1.3 Email</b>	krisztina.nemeth@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>
Materials	New direct material part number (same supplier, different supplier or new supplier), Bond wire material, diameter	ST Muar (Malaysia)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Back-end source: - ST Muar Malaysia (existing capacity line)	Back-end source: - ST Muar Malaysia (extended capacity line)
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	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**

<b>5.1 Motivation</b>	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional back-end line 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 on the marking. Please refer to PCN 10994 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-09-25
<b>7.2 Intended start of delivery</b>	2019-12-16
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	10994 MDG-MCD RER1604 V3.0 - PCN9511-PCN10994 - LQFP14x14 Muar -Reliability evaluation report.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2019-11-15

**9. Attachments (additional documentations)**

10994 Public product.pdf  
10994 MDG-MCD RER1604 V3.0 - PCN9511-PCN10994 - LQFP14x14 Muar -Reliability evaluation report.pdf  
10994 PCN10994\_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
	STM32F205VCT6	
	STM32F205VCT6TR	
	STM32F205VET6TR	
	STM32F205VGT6	
	STM32F207VGT6	
	STM32F401VCT6	
	STM32F407VGT6	

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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) back-End line capacity extension

STM32 LQFP 14x14 SHD 100L listed products

**PCN Reference :** MDG/19/10994

**Subject :** Public Products List

Dear Customer,

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

STM32F437VIT6WTR	STM32F215VGT7	STM32F205VCT7TR
STM32F427VIT7TR	STM32F405VGT6	STM32F407VGT6J
STM32F401VBT6TR	STM32F413VGT6	STM32F745VGT6
STM32F767VGT6	STM32F756VGT6	STM32F205VET6TR
STM32F217VET6	STM32F217VGT6	STM32F217VET6TR
STM32F207VGT6J	STM32F446VET6	STM32F207VCT6TR
STM32F407VGT7	STM32F205VGT6TR	STM32F401VBT6
STM32F407VET6	STM32F207VFT6TR	STM32F439VIT6
STM32F405VGT6J	STM32F205VFT6TR	STM32F777VIT6
STM32F439VGT6	STM32F205VCT6	STM32F217VGT6TR
STM32F437VGT7TR	STM32F205VET7TR	STM32F427VGT6TR
STM32F207VCT6	STM32F411VET6TR	STM32F429VGT6
STM32F405VGT6W	STM32F429VGT6TR	STM32F417VET6TR
STM32F446VET7	STM32F413VGT6TR	STM32F429VIT6
STM32F215VET6	STM32F205VCT7	STM32F205VGT7TR
STM32F205VGT6J	STM32F417VET6	STM32F207VGT6TR
STM32F469VIT6	STM32F732VET6	STM32F205VBT6
STM32F429VIT6TR	STM32F437VGT6	STM32F207VGT6
STM32F427VGT6	STM32F415VGT6	STM32F205VFT6
STM32F401VET6TR	STM32F207VET6	STM32F437VIT7TR
STM32F429VET6	STM32F401VCT7	STM32F437VIT6TR
STM32F205VGT6V	STM32F437VIT7	STM32F207VET6TR
STM32F427VIT6	STM32F437VGT7	STM32F205VET7
STM32F469VET6	STM32F215VGT6	STM32F412VGT6
STM32F413VGT3TR	STM32F427VIT6TR	STM32F417VGT6
STM32F405VGT6TR	STM32F411VET6	STM32F446VCT6
STM32F429VIT6E	STM32F407VGT6	STM32F767VIT6
STM32F407VGT7TR	STM32F205VGT6W	STM32F207VCT7
STM32F205VCT6TR	STM32F417VGT6TR	STM32F207VFT6
STM32F401VDT6	STM32F205VGT6	STM32F722VET6
STM32F750V8T7	STM32F412VET6TR	STM32F401VDT6TR
STM32F205VET6	STM32F205VGT7	STM32F765VGT6
STM32F746VGT6	STM32F412VGT6TR	STM32F412VET3TR
STM32F207VGT7	STM32F437VIT6	STM32F429VIT6G
STM32F765VIT6	STM32F746VGT7	STM32F750V8T6



## Public Products List

STM32F417VGT7	STM32F405VGT7TR	STM32F412VET3
STM32F412VET6	STM32F413VGT3	STM32F429VET6TR
STM32F730V8T6	STM32F405VGT7	STM32F401VCT6
STM32F405VGT6V	STM32F407VET6TR	STM32F401VET6
STM32F446VET6TR	STM32F415VGT6TR	STM32F765VGT6TR
STM32F479VGT6	STM32F746VET6	STM32F746VET6TR
STM32F479VIT6	STM32F407VGT6TR	STM32F722VCT6
STM32F423VHT6	STM32F413VHT6	STM32F767VGT7
STM32F745VET6	STM32F411VCT6	STM32F767VIT7
STM32F469VGT6	STM32F765VGT7	STM32F411VCT6TR
STM32F446VCT7		



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