


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	FRANK SCHIFANO
2.1.2 Phone	+1 5148333778
2.1.3 Email	frank.schifano@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 source: - ST Muar Malaysia (existing capacity line)	Back-end source: - 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 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.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Change is visible on the marking. Please refer to PCN 10994 – Additional information attached document.
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7. Timing / schedule

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

8. Qualification / Validation

8.1 Description	10994 MDG-MCD RER1604 V3.0 - PCN9511-PCN10994 - LQFP14x14 Muar -Reliability evaluation report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	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
	STM32F407VGT6	
	STM32F767VGT6	

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