

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/18/10941	
1.3 Title of PCN	ST SG8E (Singapore) additional source for STM8S005/007/105/207/208x products	
1.4 Product Category	STM8S005/007/105/207/208x listed products	
1.5 Issue date	2018-12-21	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@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
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	ST SG8E 8" (Singapore)

4. Description of change

	Old	New
4.1 Description	Front-end source: - ST Rousset 8" France	Front-end sources: - ST Rousset 8" France - ST SG8E 8" Singapore - added source There is no change in the product functionality. Please refer to PCN 10941- Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Packaged products : no change. Unpackaged product: change in notch position, as indicated in wafer map file.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM8 devices, ST Microcontrollers Division decided to qualify an additional front-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 diffusion traceability plant, in the marking: - "VG" for ST Rousset 8" (France) - "VC" for ST SG8E 8" (Singapore) Please refer to PCN 10941 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2019-03-15
7.2 Intended start of delivery	2019-04-15
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10941 MDG-MCD-RER1805 - PCN10630 - PCN10941 - ST SG8E (Singapore) additional source for STM8S products - reliability plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-12-21
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9. Attachments (additional documentations)

10941 Public product.pdf 10941 MDG-MCD-RER1805 - PCN10630 - PCN10941 - ST SG8E (Singapore) additional source for STM8S products - reliability plan.pdf 10941 PCN10941_Additional information.pdf
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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
	STM8S105K6U3A	

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