


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/22/12924	
1.3 Title of PCN	SG8E (Singapore) additional source for STM32L1x listed products	
1.4 Product Category	STM32L100xx, STM32L151xx, STM32L152xx, STM32L162xx	
1.5 Issue date	2022-11-17	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@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.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No change	

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 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)
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7. Timing / schedule

7.1 Date of qualification results	2023-01-06
7.2 Intended start of delivery	2023-03-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12924 MDG-MCD-RER2108-PCN12924_416_436_XFER_to_AMK-reliability plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-11-17
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9. Attachments (additional documentations)
12924 Public product.pdf 12924 MDG-MCD-RER2108-PCN12924_416_436_XFER_to_AMK -reliability plan.pdf 12924 PCN12924_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
	STM32L100C6U6	
	STM32L100R8T6	
	STM32L100RBT6	
	STM32L100RBT6TR	
	STM32L151R8H6	
	STM32L151R8T6	
	STM32L151RCY6TR	

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