


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/25/15120	
1.3 Title of PCN	TSHT(China) additional LQFP7x7 32L package assembly line for STM32G03x/G04x listed products	
1.4 Product Category	STM32G030x, STM32G031x, STM32G041x	
1.5 Issue date	2025-02-04	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Patrick AIDOUNE
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: Assembly site (SOP 2617)	TSHT (China)

4. Description of change

	Old	New
4.1 Description	Current Wire bonding material: - JSCC (China) Gold wire or copper wire - ASE Kaohsiung (Taiwan) Gold wire or Copper Palladium wire	Current Wire bonding material: - JSCC (China) Gold wire or copper wire - ASE Kaohsiung (Taiwan) Gold wire or Copper Palladium wire Added Wire bonding material : - TSHT(China) Copper Palladium wire
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change - no impact on form, Fit, Function	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST General Purpose Microcontroller sub-group decided to extend the capacity through an already qualified 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	traceability ensured by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2025-01-30
7.2 Intended start of delivery	2025-01-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15120 MDG-GPAM-RER2501 PCN15120 TSHT(China) add LQ7 32L STM32G03x-4x.Rel Plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-02-04
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9. Attachments (additional documentations)
15120 Public product.pdf 15120 MDG-GPAM-RER2501 PCN15120 TSHT(China) add LQ7 32L STM32G03x-4x.Rel Plan.pdf 15120 _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
	STM32G030K6T6	
	STM32G030K6T6TR	
	STM32G030K8T6	
	STM32G030K8T6TR	
	STM32G031K6T6	
	STM32G031K8T3	
	STM32G031K8T6	
	STM32G031K8T7	
	STM32G031K8T7TR	
	STM32G041K6T6	
	STM32G041K8T6	

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