

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/25/15362
1.3 Title of PCN	Capacity extension with 8 inches conversion production line for Automotive Ultrafast STTH30RQ06xY products
1.4 Product Category	Automotive Ultrafast STTH30RQ06xY: STTH30RQ06DY STTH30RQ06G2Y-TR STTH30RQ06GY-TR STTH30RQ06L2Y-TR STTH30RQ06WY
1.5 Issue date	2025-05-21

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	Stephane CHAMARD
2.2.2 Marketing Manager	Philippe LEGER
2.2.3 Quality Manager	Jean-Paul REBRASSE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General	Wafer diameter modification	ST Microelectronics Tours - FRANCE

4. Description of change

	Old	New
4.1 Description	6 inches wafer diameter - ST Microelectronics Tours - France Epitaxy location in ST Microelectronics Catania - Italy	8 inches wafer diameter - ST Microelectronics Tours - France Epitaxy location in ST Microelectronics Tours - France
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No	

5. Reason / motivation for change

5.1 Motivation	STMicroelectronics has decided to expand the manufacturing capacity of Ultrafast diodes. The 8-inch wafer fab line (located in the current existing plant in ST Tours – France) is already qualified since H2-2018 for Industrial products perimeter and since H1-2021 for Automotive products perimeter. This production upgrade is the result of the constant investments made by STMicroelectronics in the technology and the evolution of Discrete devices. It illustrates the commitment of the Company to reinforce its leading position in the Power Rectifiers market. With this 8-inch wafer line investment, STMicroelectronics will increase its production capacity to better serve its customers through service improvement and lead time reduction, especially as volumes grow.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change will be ensured by Finished Good/Type printed on carton labels. The penultimate digit will be \$ for 8-inch Finished Good code.
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7. Timing / schedule

7.1 Date of qualification results	2025-04-28
7.2 Intended start of delivery	2025-11-17
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15362 25015QRP rev1.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-05-21

9. Attachments (additional documentations)

15362 Public product.pdf
15362 PCN STTH30RQ06xY 8inches conversion.pdf
15362 25015QRP rev1.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
	STTH30RQ06DY	
	STTH30RQ06G2Y-TR	
	STTH30RQ06GY-TR	
	STTH30RQ06L2Y-TR	
	STTH30RQ06WY	

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