

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/24/14796
1.3 Title of PCN	Process transfer of selected products in M9/DM9 from mixed flow CTM8 + SG8 to full flow CTM8
1.4 Product Category	Power MOSFET
1.5 Issue date	2024-06-18

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	Maurizio GIUDICE
2.1.2 Marketing Manager	Paolo PETRALI
2.1.3 Quality Manager	Vincenzo MILITANO

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 (SOP 2617)	Catania (Italy)

4. Description of change

	Old	New
4.1 Description	Platinum process, Front metal, Passivation and Back metal for MDMesh M9/DM9 Technology of Power MOSFET Transistors are manufactured in SG8 Fab, ST's Ang Mo Kio (Singapore)	Platinum process, Front metal, Passivation and Back metal for MDMesh M9/DM9 Technology of Power MOSFET Transistors will be manufactured in CTM8 Fab, ST's Catania (Italy)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Processability	

5. Reason / motivation for change

5.1 Motivation	Front-End Capacity Extension
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	By internal traceability and dedicated FG code
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7. Timing / schedule

7.1 Date of qualification results	2024-06-03
7.2 Intended start of delivery	2024-09-09
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14796 RERPTD24053_1.0_M9-DM9 transfer to CTM8 full flow_M9F901 in TO247 4 & LL Tongfu_Ind.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-06-18

9. Attachments (additional documentations)

14796 Public product.pdf
14796 14796.pdf
14796 RERPTD24053_1.0_M9-DM9 transfer to CTM8 full flow_M9F901 in TO247 4 & LL Tongfu_Ind.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
	STW65N023M9-4	
	STWA65N023M9	

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Public Products List

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PCN Title : Process transfer of selected products in M9/DM9 from mixed flow CTM8 + SG8 to full flow CTM8

PCN Reference : POWER AND DISCRETE PRODUCTS/24/14796

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STW65N023M9-4	STWA65N023M9	
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