


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14493
1.3 Title of PCN	M9/DM9 from mixed flow CTM8 + SG8 to full flow CTM8
1.4 Product Category	HV MOSFET MDMESH
1.5 Issue date	2023-12-21

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@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	Catania

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	2023-12-19
7.2 Intended start of delivery	2024-03-19
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14493 RERPTD23076_1.0_PowerMofset HV M9-DM9_Industrial_CT8_Full Flow_by package TO220_STs_Industrial.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-12-21

9. Attachments (additional documentations)

14493 Public product.pdf
14493 14493.pdf
14493 RERPTD23076_1.0_PowerMosfet HV M9-DM9_Industrial_CT8_Full Flow_by package TO220_STE_Industrial.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
	STP65N045M9	
	STP65N150M9	

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