

## 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	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	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
-----------------	--

### 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_PowerMosfet 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\_STS\_Industrial.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STP60N043DM9	
	STP65N045M9	
	STP65N150M9	

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved

## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCN Title :** M9/DM9 from mixed flow CTM8 + SG8 to full flow CTM8

**PCN Reference :** ADG/23/14493

**Subject :** Public Products List

Dear Customer,

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

STP65N150M9	STP60N043DM9	STP65N045M9
-------------	--------------	-------------

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved