


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/20/12472	
1.3 Title of PCN	MDmesh™ DM6 Technology Power MOSFET Transistors 8" Wafer Front-end Capacity Extension (SG8" Singapore) - AUTOMOTIVE	
1.4 Product Category	Power MOSFET HV	
1.5 Issue date	2020-12-09	

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	SG8" (Singapore)

4. Description of change

	Old	New
4.1 Description	MDmesh™ DM6 Technology is manufactured in the 6" wafer line of (SG6" Singapore)	MDmesh™ DM6 Technology will be manufactured in the 8" wafer line of (SG8" Singapore)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Capacity Extension
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	by FG code and Q.A. number
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7. Timing / schedule

7.1 Date of qualification results	2020-11-18
7.2 Intended start of delivery	2021-05-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12472 Rel08-2020_V2.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-12-09

9. Attachments (additional documentations)

12472 Public product.pdf
12472 MDmesh™ DM6 Tech Power MOSFET Trans 8 Wafer Front-end Capacity Extension - SG8.pdf
12472 Rel08-2020_V2.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
	STB41N40DM6AG	
	STB47N50DM6AG	
	STB47N60DM6AG	
	STH47N60DM6-2AG	
	STI47N60DM6AG	

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Public Products List

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PCN Title : MDmesh™ DM6 Technology Power MOSFET Transistors 8" Wafer Front-end Capacity Extension (SG8" Singapore) - AUTOMOTIVE

PCN Reference : ADG/20/12472

Subject : Public Products List

Dear Customer,

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

STW36N60DM6AG	STB47N60DM6AG	STH47N60DM6-2AG
STB47N50DM6AG	STI47N60DM6AG	STW47N60DM6AG
STB41N40DM6AG		



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