

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/25/15213
1.3 Title of PCN	Mold Compound replacement and FE Process improvement (Industrial).
1.4 Product Category	Pls refer to SIC MOSFET products list.
1.5 Issue date	2025-02-18

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	Angelo RAO
2.2.2 Marketing Manager	Antonino GAITO
2.2.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Direct Material: Mold compound - Chemistry (raw material)	SH1A---ST SHENZHEN -CHINA

4. Description of change

	Old	New
4.1 Description	Kyocera G300S-1 as molding compound and Single passivation and Square TEOS.	Sumitomo G720EH as molding compound and Round Teos and Double Passivation.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Impact on processability	

5. Reason / motivation for change

5.1 Motivation	Discontinuation of KYOCERA KEG-300S-1 production and FE process improvement.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	by dedicated FGs
-----------------	------------------

7. Timing / schedule

7.1 Date of qualification results	2024-11-30
7.2 Intended start of delivery	2025-05-15
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15213 REPPTD24090_1.0_SiC SQKW in HIP247 STS with Resin Sumitomo.rev6 (1).pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-02-18

9. Attachments (additional documentations)

15213 Public product.pdf
15213 REPPTD24090_1.0_SiC SQKW in HIP247 STS with Resin Sumitomo.rev6 (1).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
	SCTW70N120G2V	
	SCTW90N65G2V	

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