

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/24/15087	
1.3 Title of PCN	Qualification of new molding compound (SUMITOMO G720EH) as replacement of KYOCERA G300S (TO247/ST SHENZHEN).	
1.4 Product Category	Pls refer to the products list (SIC MOSFET)	
1.5 Issue date	2024-12-04	

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	Riccardo NICOLOSO
2.1.2 Marketing Manager	Gaetano PIGNATARO,Michele MACAUDA
2.1.3 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 KEG-300S-1 as molding compound.	Sumitomo G720EH as molding compound.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Processability	

5. Reason / motivation for change

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

6. Marking of parts / traceability of change

6.1 Description	Internal Traceability (QA)
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7. Timing / schedule

7.1 Date of qualification results	2024-11-20
7.2 Intended start of delivery	2025-05-19
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15087 Reliability Reports.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-12-04

9. Attachments (additional documentations)

15087 Public product.pdf
15087 Reliability Reports.zip

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
	SCTW35N65G2VAG	
	SCTW40N120G2VAG	

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Public Products List

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PCN Reference : POWER AND DISCRETE PRODUCTS/24/15087

Subject : Public Products List

Dear Customer,

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

SCTW60N120G2AG	SCTW40N120G2VAG	SCTW35N65G2VAG
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