

**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	2024-11-23	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@st.com
<b>2.2 Change responsibility</b>	
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	2024-11-23

**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
3387275	SCTW35N65G2VAG	
3387277	SCTW40N120G2VAG	

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