

## 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 SHENZEN).
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
2.2.2 Marketing Manager	Gaetano PIGNATARO, Michele MACAUDA
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 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
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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 Title :** Qualification of new molding compound (SUMITOMO G720EH) as replacement of KYOCERA G300S (TO247/ST SHENZEN).

**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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