

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/24/15096	
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

2.1 Contact supplier	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Riccardo NICOLOSO
2.1.2 Marketing Manager	Antonino GAITO
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	15096 Reliability Reports.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-11-23

9. Attachments (additional documentations)

15096 Public product.pdf
15096 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
	SCTW60N120G2	

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