

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/25/15254	
1.3 Title of PCN	998G (TFME) - Mold Compound replacement and FE improvement (Industrial).	
1.4 Product Category	Pls refer to the product list (SiC MOSFET)	
1.5 Issue date	2025-03-17	

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	Angelo RAO
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	New direct material part number (same supplier, different supplier or new supplier), Mold compound	998G (TFME) as assy Plant. 0152 ST Catania as FE plant.

4. Description of change

	Old	New
4.1 Description	Molding Compound: Kyocera KEG-300S-1 Single passivation and Square TEOS.	Molding Compound: HHCK EMG-400-C . Round Teos and Double Passivation.
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 and FE process improvement.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	New FGs
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7. Timing / schedule

7.1 Date of qualification results	2024-11-30
7.2 Intended start of delivery	2025-09-05
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15254 REPPTD24089_1.0_SiC SQKW in TO247 LL TFME with Resin EMG400C.rev.6.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-03-17

9. Attachments (additional documentations)

15254 Public product.pdf
15254 REPPTD24089_1.0_SiC SQKW in TO247 LL TFME with Resin EMG400C.rev.6.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
	SCTWA70N120G2V-4	
	SCTWA90N65G2V-4	

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