

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETES/25/15834
1.3 Title of PCN	Conversion of D2PAK and D2PAK HV packages at ST plant in China to ECOPACK®2 grade (Green Molding Compound) for Automotive STTH30RQ06GY-TR / STTH30RQ06G2Y-TR products
1.4 Product Category	STTH30RQ06GY-TR STTH30RQ06G2Y-TR
1.5 Issue date	2025-11-10

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	Stephane CHAMARD
2.1.2 Marketing Manager	Philippe LEGER
2.1.3 Quality Manager	Julien MICHELON

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Direct Material: Mold compound - Chemistry (raw material)	ST Shenzhen - China

4. Description of change

	Old	New
4.1 Description	Non-Green Molding compound ECOPACK®1 Mold compound MG2 (Material Group II)	Green Molding compound ECOPACK®2 Mold compound MG1 (Material Group I)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No	

5. Reason / motivation for change

5.1 Motivation	To comply with so-called "Halogen-free" requirements (ST ECOPACK®2) and Material Group I DFD division strategy.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change will be ensured by Finished Good/Type and Category print on carton labels. ECOPACK®2 component will be marked with the letter "G" on package body.
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7. Timing / schedule

7.1 Date of qualification results	2025-10-30
7.2 Intended start of delivery	2026-05-14
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15834 25027QRP.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-11-10

9. Attachments (additional documentations)		
15834 Public product.pdf 15834 GMC D2PAK Auto.pdf 15834 25027QRP.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
	STTH30RQ06G2Y-TR	
	STTH30RQ06GY-TR	

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Public Products List

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PCN Title : Conversion of D2PAK and D2PAK HV packages at ST plant in China to ECOPACK®2 grade (Green Molding Compound) for Automotive STTH30RQ06GY-TR / STTH30RQ06G2Y-TR products

PCN Reference : POWER AND DISCRETES/25/15834

Subject : Public Products List

Dear Customer,

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

STTH30RQ06G2Y-TR	STTH30RQ06GY-TR	
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