

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETES/25/15851	
1.3 Title of PCN	Conversion of DPAK package at ST plant in China to ECOPACK®2 grade (Green Molding Compound) for Automotive STPSxxxBY-TR products	
1.4 Product Category	STPSxxxBY-TR products	
1.5 Issue date	2025-11-10	

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	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.
-----------------	--

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	15851 25029QRP.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-11-10

9. Attachments (additional documentations)		
15851 Public product.pdf 15851 GMC DPAK Auto.pdf 15851 25029QRP.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
	STPS1045BY-TR	
	STPS15H100CBY-TR	
	STPS15L45CBY-TR	
	STPS5H100BY-TR	
	STPS640CBY-TR	
	STPS8L30BY-TR	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved