


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/18/10806	
1.3 Title of PCN	Conversion from No-Green molding compound to Green molding compound for AMS PSO20/36 package in Muar ST site.	
1.4 Product Category	SMART INDUSTRY_AMS PSO20/36 packages (L693_UI49_UQ36 lines)	
1.5 Issue date	2018-06-25	

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	Domenico ARRIGO
2.1.2 Marketing Manager	Fulvio PULICELLI
2.1.3 Quality Manager	Alessandro PLATINI

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	MU1A---ST MUAR - MALAYSIA

4. Description of change

	Old	New
4.1 Description	MOLDING COMPOUND: SUMITOMO 7307AS as NON-GREEN resin.	MOLDING COMPOUND: HITACHI CEL-9240HF10 as GREEN resin. This CEL 9240HF10 is already 95% in mass production.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No IMPACT, since the HITACHI CEL-9240HF10 is already qualified and used in other products.	

5. Reason / motivation for change

5.1 Motivation	The implementation of the replacement satisfies the latest market and environmental requirements in terms of products defined halogen-free.
5.2 Customer Benefit	ENVIRONMENT FOOTPRINT

6. Marking of parts / traceability of change

6.1 Description	New Genealogy
------------------------	---------------

7. Timing / schedule

7.1 Date of qualification results	2017-12-12
7.2 Intended start of delivery	2018-09-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10806 L693 (PowerSO 20)_New Green Molding Compound Qual Report (Final).pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-06-25

9. Attachments (additional documentations)

10806 Public product.pdf
10806 L693 (PowerSO 20)_New Green Molding Compound Qual Report (Final).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
L298P	L298P	
L298P013TR	L298P013TR	
	L6470PD	
	L6470PDTR	
	L6472PD	
	L6472PDTR	
	L6474PD	
	L6474PDTR	



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : Conversion from No-Green molding compound to Green molding compound for AMS PSO20/36 package in Muar ST site.

PCN Reference : AMS/18/10806

Subject : Public Products List

Dear Customer,

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

L6472PD	L6470PDTR	L298P
L6470PD	L298P013TR	L6474PD
L6474PDTR	L6472PDTR	



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.