


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/19/11530	
1.3 Title of PCN	Mold compound replacement for TO247 automotive	
1.4 Product Category	Automotive rectifiers and SCRs in TO247 package. STPSxxxY, STPSCxxxY, STTHxxxY, STBRxxxY, TNxxxY series.	
1.5 Issue date	2019-05-06	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Richard RENARD
2.1.2 Marketing Manager	Philippe LEGER
2.1.3 Quality Manager	Jean-Paul REBRASSE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Mold compound	ST assy site in China

**4. Description of change**

	<b>Old</b>	<b>New</b>
4.1 Description	Samsung SDI product termination of the following references of molding compound for through hole packages	Replacement of current mold compounds with alternative material. ST is already proceeding with new resins evaluation and qualification, to guarantee adequate products continuity.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no	

**5. Reason / motivation for change**

5.1 Motivation	Product discontinuance from current supplier.
5.2 Customer Benefit	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

6.1 Description	internal codification and QA number
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**7. Timing / schedule**

7.1 Date of qualification results	2019-08-30
7.2 Intended start of delivery	2019-09-13
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

**9. Attachments (additional documentations)**

11530 Public product.pdf  
11530 PCN-TO247 automotive.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STBR3012WY	
	STBR6012WY	
	STPSC20065WY	
	STPSC20H065CWY	
	STPSC40065CWY	
	STTH15RQ06WY	
	STTH30L06WY	
	STTH30RQ06WY	
	STTH30ST06WY	
	STTH6010WY	
	STTH60RQ06WY	
	TN3050H-12WY	
	TN5050H-12WY	

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## Public Products List

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**PCN Title** : Mold compound replacement for TO247 automotive

**PCN Reference** : ADG/19/11530

**Subject** : Public Products List

Dear Customer,

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

STPSC40065CWY	STTH30L06WY	STTH6010WY
STTH30ST06WY	STPSC20065WY	STTH30RQ06WY
STBR3012WY	TN5050H-12WY	STPS4045CWY
STTH15RQ06WY	STTH3010WY	STBR6012WY
STTH60RQ06WY	TN3050H-12WY	STPSC20H065CWY



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