

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/19/11529	
<b>1.3 Title of PCN</b>	Mold compound replacement for TO220 automotive	
<b>1.4 Product Category</b>	Automotive rectifiers in TO220 package. STPSxxxY, STPSCxxxY, STTHxxxY, STBRxxxY series.	
<b>1.5 Issue date</b>	2019-05-10	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Richard RENARD
<b>2.1.2 Marketing Manager</b>	Philippe LEGER
<b>2.1.3 Quality Manager</b>	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>
<b>4.1 Description</b>	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.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Product discontinuance from current supplier.
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

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

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

<b>7.1 Date of qualification results</b>	2019-08-29
<b>7.2 Intended start of delivery</b>	2019-12-13
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

11529 Public product.pdf  
11529 PCN-TO220 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>
	STPS1545DY	
	STPS41H100CTY	
	STPSC10065DY	
	STPSC10C065RY	
	STPSC10H065DY	
	STPSC10H12DY	
	STPSC12065DY	
	STPSC12C065DY	
	STPSC12H065DY	
	STPSC15H12DY	
	STPSC20065DY	
	STPSC20H065CTY	
	STPSC20H12DY	
	STPSC8065DY	
	STTH1210DY	
	STTH15RQ06DY	
	STTH16L06CTY	
	STTH30R04DY	
	STTH30RQ06DY	

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## 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** : Mold compound replacement for TO220 automotive

**PCN Reference** : ADG/19/11529

**Subject** : Public Products List

Dear Customer,

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

STTH1210DY	STPSC10H12DY	STPSC10C065RY
STPSC12H065DY	STPS41H100CTY	STPSC15H12DY
STPSC6C065DY	STPSC10065DY	STPSC10H065DY
STPSC12065DY	STPSC8065DY	STPSC20065DY
STPSC12C065DY	STTH30R04DY	STPS1545DY
STTH16L06CTY	STPSC20H065CTY	STTH15RQ06DY
STTH30RQ06DY		



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