

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/19/11528	
1.3 Title of PCN	Mold compound replacement for TO247	
1.4 Product Category	TM8050H-12W, STPSxxx, STPSCxxx, STBRxxx, STTHxxx 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 (STS)

**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	2019-08-29
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)**

11528 Public product.pdf  
 11528 PCN-TO247 industrial draft.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
	STBR3012W	
	STBR6012W	
	STPS3045CW	
	STPS30L60CW	
	STPS40170CW	
497-2725-5-ND	STPS40H100CW	
497-2687-5-ND	STPS40L15CW	
	STPS40L45CW	
497-3803-5-ND	STPS6045CW	
497-2755-5-ND	STPS60L30CW	
497-3745-5-ND	STPS60L45CW	
	STPS60SM200CW	
497-3219-5-ND	STPS61150CW	
497-3219-ND	STPS61150CW	
	STPS61170CW	
497-3220-5-ND	STPS61H100CW	
497-3220-ND	STPS61H100CW	
	STPS61L60CW	
497-3221-5-ND	STPS80150CW	
497-3221-ND	STPS80150CW	
	STPS80170CW	
	STPSC16H065AW	
	STPSC2006CW	
	STPSC20H065CW	
	STPSC40065CW	
	STTH100W04CW	
	STTH100W06CW	
	STTH1512W	
	STTH15RQ06W	
497-3552-5-ND	STTH3002CW	
497-2742-5-ND	STTH3003CW	
	STTH3006W	
	STTH3010W	
	STTH3012W	
	STTH30ACS06W	
497-3797-5-ND	STTH30L06CW	
497-4411-5-ND	STTH30L06W	
	STTH30R04W	
	STTH30R06CW	
497-4413-5-ND	STTH30R06W	
	STTH30S12W	
	STTH50W03CW	
497-3553-5-ND	STTH6002CW	
497-2720-5-ND	STTH6003CW	

	STTH6004W	
	STTH6006W	
	STTH6010W	
	STTH6012W	
497-3790-5-ND	STTH60L06CW	
497-3799-5-ND	STTH60L06W	
497-4416-5-ND	STTH60P03SW	
	STTH60R04W	
	STTH60RQ06W	
	STTH60W03CW	
	STTH61W04SW	
	STTH75S12W	
	TM8050H-8W	

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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 TO247

**PCN Reference** : ADG/19/11528

**Subject** : Public Products List

Dear Customer,

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

STPS40L45CW	STTH6003CW	STPS61L45CW
STPS40H100CW	STTH50W03CW	STTH60P03SW
STTH30W02CW	STPS61H100CW	STPS61170CW
STTH60L06CW	STPS40150CW	STPS3045CW
STPSC16H065AW	STTH3002CW	STPS40170CW
STPS30170CW	STTH30ACS06W	STTH3006W
STTH60R04W	STTH6006W	STPS60SM200CW
STPS6045CW	STTH60W03CW	STPS61L60CW
STTH30R04W	STTH30R03CW	STTH60AC06CW
STTH6012W	STPSC40065CW	STPS4045CW
STTH30RQ06W	STTH15RQ06W	STPS30L60CW
STPS30L45CW	STTH30L06CW	STPS60L45CW
STPS80150CW	STTH6002CW	STPS30H100CW
STPS30150CW	STPSC2006CW	STBR3012W
STTH30R06CW	STPS80170CW	STTH100W06CW
STTH61W04SW	STTH30R06W	STPS40L15CW
STPS60L30CW	STPSC20065W	STTH3010W
STTH6010W	STPSC20H065CW	STTH3003CW
STTH100W04CW	STTH60L06W	STTH6004W
STPS61150CW	STTH30S12W	STBR6012W
STTH75S12W	TM8050H-8W	STTH1512W
STTH60RQ06W	STTH3012W	STPS3060CW



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