

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/19/11660	
<b>1.3 Title of PCN</b>	TO-92 new molding compound - ASE-WEIHAI (China)	
<b>1.4 Product Category</b>	Power MOSFET / Power BIPOLAR	
<b>1.5 Issue date</b>	2019-07-11	

**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>	Maurizio GIUDICE, Angelo RAO
<b>2.1.2 Marketing Manager</b>	Paolo PETRALI, Natale Sandro D'ANGELO
<b>2.1.3 Quality Manager</b>	Vincenzo MILITANO

**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), Lead frame base material	ASE WEIHAI (China)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	TO-92 of Subcontractor ASE-WEIHAI (China) are manufactured with SG-8100GS molding compound.	TO-92 of Subcontractor ASE-WEIHAI (China) will be manufactured with EK1850G molding compound.
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	no impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Samsung SDI production discontinuation
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

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

<b>6.1 Description</b>	by FG code and Q.A. number
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-07-03
<b>7.2 Intended start of delivery</b>	2019-10-03
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	11660 Rel14-2019.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2019-07-11

**9. Attachments (additional documentations)**

11660 Public product.pdf  
11660 TO-92 New Molding compound - ASE-WEIHAI (China) (002).pdf  
11660 Rel14-2019.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
	STQ1HNC60R-AP	
	STQ1NC45R-AP	
	STQ1NK60ZR-AP	
	STQ1NK80ZR-AP	
	STQ2HNC60ZR-AP	
	STQ2LN60K3-AP	
	STQ2NK60ZR-AP	
497-3532-3-ND	STSA1805-AP	
497-4429-ND	STX13005	
	STX13005-APH	
	STX616-AP	
	STX93003	



## 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 :** TO-92 new molding compound - ASE-WEIHAI (China)

**PCN Reference :** ADG/19/11660

**Subject :** Public Products List

Dear Customer,

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

STX93003	STX616-AP	STQ2Hnk60ZR-AP
STX13005	STQ1Hnk60R-AP	STBV32-AP
STQ2NK60ZR-AP	STSA1805-AP	STX13003-AP
STQ1NK60ZR-AP	STQ2LN60K3-AP	



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