


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/20/12045	
<b>1.3 Title of PCN</b>	Industrial grade qualification of TVS in SMA and SMB packages at Assembly/Test location in China	
<b>1.4 Product Category</b>	<ul style="list-style-type: none"> <li>• Package: SMA and SMB</li> <li>• Product series:                             <ul style="list-style-type: none"> <li>SMAJ (Vrm from 85V to 188V)</li> <li>SMBJ (Vrm from 85V to 188V)</li> <li>SMA6J (Vrm &lt; 12V and &gt;33V)</li> <li>SM6T (Vrm from 85V to 188V)</li> </ul> </li> <li>• STRVS185X02B</li> </ul>	
<b>1.5 Issue date</b>	2020-03-06	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	NEMETH KRISZTINA
<b>2.1.2 Phone</b>	+49 89460062210
<b>2.1.3 Email</b>	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Richard RENARD
<b>2.1.2 Marketing Manager</b>	Eric PARIS
<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>
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617)	assy site Morocco (ST) and assy site China (subco Liteon)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	assy site Morocco (ST)	assy site China (subco Liteon)
<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>	In the frame of the back-end locations management, ST has initiated a transfer of the SMA and SMB lines from its Bouskoura internal plant (Morocco) to back-end partners. This assembly and test plant in China is a subcontractor already qualified and delivering in high volume for ST on automotive SMA and SMB package lines.
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

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

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

<b>7.1 Date of qualification results</b>	2020-09-04
<b>7.2 Intended start of delivery</b>	2020-10-16
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	
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8.2 Qualification report and qualification results	In progress	Issue Date	
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**9. Attachments (additional documentations)**

12045 Public product.pdf  
12045 PCN China subco\_SMA & SMB Industrial \_12045.pdf

**10. Affected parts**

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
SM6T100CA	SM6T100CA	
SM6T150CA	SM6T150CA	
SM6T200A	SM6T200A	
	SMA6J12A-TR	
	SMA6J12CA-TR	
	SMA6J18A-TR	
	SMA6J18CA-TR	
	SMA6J33A-TR	
	SMA6J33CA-TR	
	SMA6J5.0A-TR	
	SMA6J5.0CA-TR	
	SMA6J85A-TR	
SMAJ170A-TR	SMAJ170A-TR	
SMAJ40A-TR	SMAJ40A-TR	
SMAJ48A-TR	SMAJ48A-TR	
SMAJ58A-TR	SMAJ58A-TR	
SMAJ85CA-TR	SMAJ85CA-TR	
SMBJ100CA-TR	SMBJ100CA-TR	
SMBJ154A-TR	SMBJ154A-TR	
SMBJ170A-TR	SMBJ170A-TR	
SM6T220A	SM6T220A	

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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** : Industrial grade qualification of TVS in SMA and SMB packages at Assembly/Test location in China

**PCN Reference** : ADG/20/12045

**Subject** : Public Products List

Dear Customer,

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

SMA6J70CA-TR	SMA6J130CA-TR	SMAJ40CA-TR
SMAJ58CA-TR	SMAJ85CA-TR	SMAJ130CA-TR
SMA6J48A-TR	SMA6J13A-TR	SMA6J5.0CA-TR
SMA6J8.5A-TR	SMA6J100CA-TR	STRVS185X02B
SM6T220A	SMA6J33CA-TR	SMAJ43A-TR
SMAJ70CA-TR	SMAJ170CA-TR	SMA6J5.0A-TR
SMA6J6.5CA-TR	SMA6J33A-TR	SMAJ43CA-TR
SMA6J48CA-TR	SM6T100A	SM6T100CA
SMA6J12A-TR	SMA6J188CA-TR	SMA6J20CA-TR
SMBJ154A-TR	SMAJ48A-TR	SMAJ58A-TR
SMA6J40CA-TR	SM6T200CA	SMA6J85CA-TR
SMBJ170CA-TR	SMA6J100A-TR	SMA6J58A-TR
SMA6J85A-TR	SMA6J26CA-TR	SM6T150A
SMA6J24A-TR	SMA6J40A-TR	SMA6J18CA-TR
SMA6J13CA-TR	SMAJ48CA-TR	SMA6J15A-TR
SMA6J18A-TR	SMA6J6.0CA-TR	SMBJ85CA-TR
SMBJ170A-TR	SM6T200A	SMA6J154A-TR
SMAJ188A-TR	SMA6J10A-TR	SMA6J70A-TR
SMA6J28CA-TR	SMA6J12CA-TR	SMAJ40A-TR
SMAJ188CA-TR	SM6T150CA	SMA6J170CA-TR
SMBJ100CA-TR	SM6T220CA	SMAJ154A-TR
SMA6J26A-TR	SMBJ130A-TR	SMA6J20A-TR
SMA6J28A-TR	SMA6J130A-TR	SMA6J6.5A-TR
SMA6J154CA-TR	SMA6J58CA-TR	SMA6J6.0A-TR
SMA6J10CA-TR	SMAJ170A-TR	SMA6J188A-TR
SMAJ70A-TR	SMA6J170A-TR	SMA6J15CA-TR
SMA6J8.5CA-TR	SMA6J24CA-TR	



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