


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN Team

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

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
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

	Old	New
4.1 Description	assy site Morocco (ST)	assy site China (subco Liteon)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no	

5. Reason / motivation for change

5.1 Motivation	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.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	marking, internal codification, QA number
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7. Timing / schedule

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

8. Qualification / Validation

8.1 Description	
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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		
10.1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	SM6T100A	
	SM6T100CA	
	SM6T150A	
	SM6T150CA	
	SM6T200A	
	SM6T200CA	
	SM6T220A	
	SM6T220CA	
	SMA6J100A-TR	
	SMA6J100CA-TR	
	SMA6J10A-TR	
	SMA6J10CA-TR	
	SMA6J12A-TR	
	SMA6J12CA-TR	
	SMA6J130A-TR	
	SMA6J130CA-TR	
	SMA6J13A-TR	
	SMA6J13CA-TR	
	SMA6J154A-TR	
	SMA6J154CA-TR	
	SMA6J15A-TR	
	SMA6J15CA-TR	
	SMA6J188A-TR	
	SMA6J188CA-TR	
	SMA6J18A-TR	
	SMA6J18CA-TR	
	SMA6J20A-TR	
	SMA6J20CA-TR	
	SMA6J24A-TR	
	SMA6J24CA-TR	
	SMA6J26A-TR	
	SMA6J26CA-TR	
	SMA6J28A-TR	
	SMA6J28CA-TR	
	SMA6J33A-TR	
	SMA6J33CA-TR	
	SMA6J40A-TR	
	SMA6J40CA-TR	
	SMA6J48A-TR	
	SMA6J48CA-TR	
	SMA6J5.0A-TR	
	SMA6J5.0CA-TR	

	SMA6J58A-TR	
	SMA6J58CA-TR	
	SMA6J6.0A-TR	
	SMA6J6.0CA-TR	
	SMA6J6.5A-TR	
	SMA6J6.5CA-TR	
	SMA6J70A-TR	
	SMA6J70CA-TR	
	SMA6J8.5A-TR	
	SMA6J85A-TR	
	SMA6J85CA-TR	
	SMAJ130CA-TR	
	SMAJ154A-TR	
	SMAJ170A-TR	
	SMAJ170CA-TR	
	SMAJ188A-TR	
	SMAJ188CA-TR	
	SMAJ40A-TR	
497-3718-2-ND	SMAJ40CA-TR	
497-4290-2-ND	SMAJ43A-TR	
	SMAJ43CA-TR	
	SMAJ48A-TR	
	SMAJ48CA-TR	
497-3508-2-ND	SMAJ58A-TR	
	SMAJ58CA-TR	
	SMAJ70A-TR	
497-4291-2-ND	SMAJ70CA-TR	
	SMAJ85CA-TR	
	SMBJ100CA-TR	
	SMBJ130A-TR	
497-4292-2-ND	SMBJ154A-TR	
	SMBJ170A-TR	
	SMBJ170CA-TR	
	SMBJ85CA-TR	
	STRVS185X02B	



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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