

PCN <i>Product/Process Change Notification</i>			
Industrial grade qualification of surge suppressor in SMA & SMB packages at Assembly/Test location in China			
Notification number:		Issue Date	05/03/2020
Issued by	Aline AUGIS		
Product series affected by the change	<ul style="list-style-type: none"> • Package: SMA & SMB • Product series: SMP30, SMP50, SMTPA, SMP100LC, SMP100MC, SMP75, SMP80MC. • LBP01-0810B. 		
Type of change	Assembly and test line transfer		
Description of the change			
STMicroelectronics is qualifying according to industrial grade its SMA and SMB package subcontractor in China .			
Reason for change			
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 SMA and SMB package lines.			
Former versus changed product:		<p>The changed products will remain fully compliant with product datasheet in term of electrical, dimensional and thermal parameters.</p> <p>The Moisture Sensitivity Level of the part (according to the IPC/JEDEC JSTD-020D standard) remains unchanged.</p> <p>The footprint recommended by ST remains the same.</p> <p>There is no change in packing modes and standard delivery quantities either.</p> <p>The products remain in full compliance with the ST ECOPACK@2 grade ("halogen-free").</p>	
Disposition of former products			
As communicated in Corporate PCI 11964, ST Bouskoura SMA and SMB production line discontinuation will occur in W39-2020. Units manufactured at ST Bouskoura will be delivered till stock depletion.			

(1) ADG: Automotive and Discrete Group

Marking and traceability

Parts produced in China are differentiated by their **marking** as indicated below

Assembly location	Assy plant code	Date code marking	
		Assy year	Assy week
Morocco (ST)	CZ (on label) Z (on unit)	Y (1 digit indicating the year)	WW (2 digits indicating the week number)
China (subco)	GP (on label) GP (on unit)		

Traceability for the implemented change will be ensured by an **internal codification** and by the **Q.A. number**.

Forecasted qualification date

2020 week 50

Forecasted sample availability

Product family	Sub-family	Commercial part Number	Availability date
Protection device	Surge suppressor	SMP30-240	W50-2020
		SMP30-270	W50-2020
		SMP75-8	W50-2020
		SMP100LC-8	W50-2020
		SMP100LC-25	W50-2020
		SMP100LC-35	W50-2020
		SMP100LC-65	W50-2020
		SMP100LC-140	W50-2020
		SMP100LC-200	W50-2020
		SMP100LC-230	W50-2020
		SMP100LC-270	W50-2020
		SMP100LC-400	W50-2020

Note: Commercial part numbers not included in above table can be delivered on request.

Change implementation schedule

Sales types	Estimated production start	Estimated first shipments
All	2020 week 51	2021 week 01

Comments:

Sample order must be inserted for sampling

Customer's feedback

Please contact your local ST sales representative or quality contact for requests concerning this change notification.

Absence of acknowledgement of this PCN within 30 days of receipt will constitute acceptance of the change

Absence of additional response within 90 days of receipt of this PCN will constitute acceptance of the change

Qualification program and results

QRP availability date: 2020 Week 50