

PRODUCT/ PROCESS CHANGE NOTIFICATION

1. PCN No.:	QPCN11019
2. Subject:	SMA package TVS GPP 400W series, additional manufacturing location
3. To:	All Sales
4. Issued by:	Owen Wang
5. Issue date:	14 th Jun., '11
6. Proposed first ship date for change:	19 th Sep., '11
7. Affected Product Identification	
400Watts Surface Mount Transient Voltage Suppressor: P4SMA series & SMAJ series	
8. Change Description : (OLD Vs. NEW Comparison)	
Old:	New:
TSC STD SMA production, location YEW in China	Addition TSC clip SMA production, location I-Lan in Taiwan.
9. Reason for Change:	
STD SMA to Clip SMA from manual die soldering to clip auto die attach process. YEW has folded SMA auto die attached line, but can't be used in TVS product. Efficiency/capacity enhancement.	
10. Anticipated Impact: (form, fit, function, quality or reliability)	
1. Data sheet: No change 2. Reliability/performance: No change 3. Packing code (order code): (Please see Appendix B – packing information) 4. Inner construction changed: (Please see Appendix A – construction diagrams)	
11. Qualification plan/result:	
Refer to PPAP Available on demand	
12. Sample availability Date:	30 th May, '11
13. Tentative implementation date:	30 th May, '11
14. Remarks	
15. Customer feedback required latest: (should we receive no feedback; the change will be deemed as accepted!)	19 th Sep., '11
16. Approved by:	Quayer Chen

PRODUCT/ PROCESS CHANGE NOTIFICATION CUSTOMER APPROVAL FORM_QPCN11019

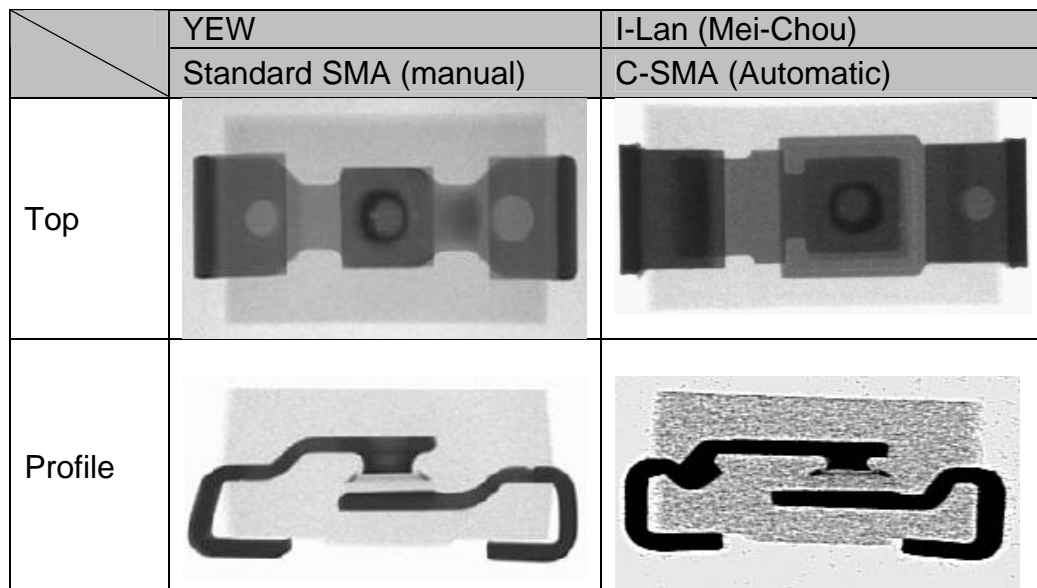
(Please check the appropriate field and provide any comments)

<input type="checkbox"/>	We agree with this proposed change and its schedule.
<input type="checkbox"/>	We have objections:
<input type="checkbox"/>	We need more information:
<input type="checkbox"/>	We need samples:
Company:	
Name:	
Address:	
Signature:	<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"></div> <div style="width: 20%; text-align: center;">Date:</div> <div style="width: 40%;"></div> </div>

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Appendix

A (Construction diagrams):



B (Packing information):

	Packing code			
	Std.		Green compound	
SMA				
Std.	R3	R2	R3G	R2G
Clip	E3	E2	E3G	E2G
Reel Size	7"	13"	7"	13"
Reel (pcs)	1800	7500	1800	7500
Inner Box (reel)	4	2	4	2
Inner Box (pcs)	7200	15000	7200	15000
Carton Inner Box	5	5	5	5
Carton (pcs)	36000	75000	36000	75000