

## PRODUCT/ PROCESS CHANGE NOTIFICATION

<b>1. PCN No.:</b>	<b>QPCN11012-1</b>
<b>2. Subject:</b>	SMA package, additional manufacturing location for clip series
<b>3. To:</b>	All Sales
<b>4. Issued by:</b>	Owen Wang
<b>5. Issue date:</b>	29 <sup>th</sup> Apr., '11
<b>6. Proposed first ship date for change:</b>	13 <sup>th</sup> Aug., '11
<b>7. Affected Product Identification</b>	
Surface Mount Schottky Barrier Rectifiers: SS12 thru SS116 (1A)	
<b>8. Change Description : (OLD Vs. NEW Comparison)</b>	
Old:	New:
Manufactured at Taiwan Semiconductor YEW plant in China.	1. Manufactured at Taiwan Semiconductor YEW plant in China. 2. Manufactured at Taiwan Semiconductor I-Lan (Mei-Chou) plant in Taiwan. 3. I-Lan (Mei-Chou) plant uses automatic processes in die attach, requiring minor internal construction change. (Appendix)
<b>9. Reason for Change:</b>	
Due to increased customer demand, additional assembly capacity has been qualified (in accordance with AEC-Q101-REV-C) at Taiwan Semiconductor I-Lan (Mei-Chou) plant.	
<b>10. Anticipated Impact:</b> (form, fit, function, quality or reliability)	
1. Product outline:	No change
2. Inner construction changed:	(Please see Appendix A – construction diagrams)
3. Electrical specifications:	No change
4. Reliability/performance:	No change
5. Data sheet:	No change
6. Packing code (order code):	(Please see Appendix B – packing code)
<b>11. Qualification plan/result:</b>	
Refer to PPAP Comparison data report	Available on demand Available on demand
<b>12. Sample availability Date:</b>	29 <sup>th</sup> Apr. 2011
<b>13. Tentative implementation date:</b>	25 <sup>th</sup> Apr. 2011
<b>14. Remarks</b>	
<b>15. Customer feedback required latest:</b> (should we receive no feedback; the change will be deemed as accepted!)	13 <sup>th</sup> Aug., 2011
<b>16. Approved by:</b>	Quayer Chen

☐ We agree with this proposed change and its schedule.

☐ **We have objections:**

☐ **We need more information:**

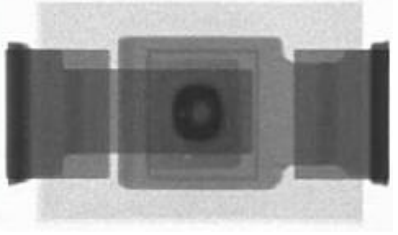
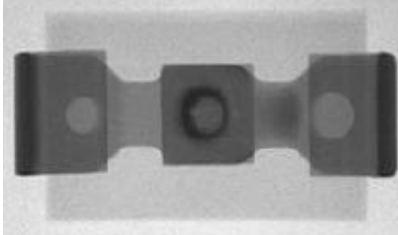
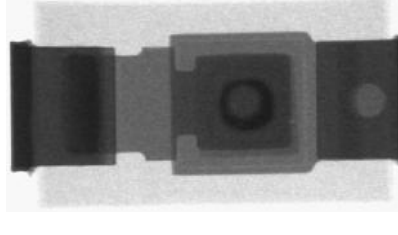
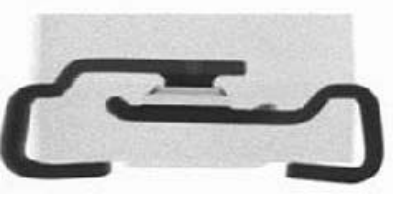
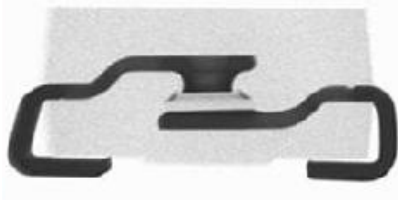
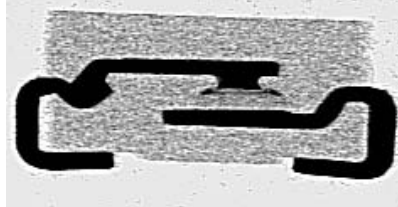
☐ **We need samples:**

<b>Company:</b>			
<b>Name:</b>			
<b>Address:</b>			
<b>Signature:</b>		<b>Date:</b>	

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## Appendix

### A (Construction diagrams):

	YEW		I-Lan (Mei-Chou)
	F-SMA (Automatic)	Standard SMA (manual)	C-SMA (Automatic)
Top			
Profile			

### B (Packing code):

		Kind of Reel size		Reel (pcs)	Inner Box (Reel)	Inner Box (pcs)	Carton (Inner Box)	Carton (pcs)
F-SMA	Packing code	F3	7"	1,800	4	7,200	5	36,000
		F2	13"	7,500	2	15,000	5	75,000
	Green compound packing code	F3G	7"	1,800	4	7,200	5	36,000
		F2G	13"	7,500	2	15,000	5	75,000
Standard SMA	Packing code	R3	7"	1,800	4	7,200	5	36,000
		R2	13"	7,500	2	15,000	5	75,000
	Green compound packing code	R3G	7"	1,800	4	7,200	5	36,000
		R2G	13"	7,500	2	15,000	5	75,000
C-SMA	Packing code	E3	7"	1,800	4	7,200	5	36,000
		E2	13"	7,500	2	15,000	5	75,000
	Green compound packing code	E3G	7"	1,800	4	7,200	5	36,000
		E2G	13"	7,500	2	15,000	5	75,000