

## Taiwan Semiconductor Co., Ltd.

### Product/ Process Change Notification

1. PCN No.:	<i>QPCN10002</i>	
2. Subject:	<i>7'' 16mm Reel Change Notification</i>	
3. To:	<i>Sales</i>	
4. Issued by:	<i>Shining Chen</i>	
5. Issue date:	<i>2010/1/25</i>	
6. Proposed first ship date for change:	<i>2010/3/15</i>	
<b>7. Affected Product Identification</b>		
<i>Devices in SMC/DO-214AB , package code with R7/R7G</i>		
<b>8. Change Description : (OLD Vs. NEW Comparison)</b>		
Old:	New:	
<i>7'' 16mm Paper reel</i>	<i>7'' 16mm Plastic Reel</i>	
	<i>Refer to Attachment2 for Plastic Reel Drawing</i>	
<b>9. Reason for Change:</b>		
<ol style="list-style-type: none"> <li><b>1. Avoid paper particle to residue on reel to influence on field application</b></li> <li><b>2. Prevent from reel damage issue from external force.</b></li> </ol>		
<b>10. Anticipated Impact:</b> (form, fit, function, quality or reliability)		
<i>A. External dimension will exactly the same as before.</i>		
<b>11. Qualification plan/result:</b>		
<i>Refer to the attachment 1</i>		
12. Sample availability Date:	<i><u>2010/1/25</u></i>	
13. Tentative implementation date:	<i>2010/4/19</i>	
<b>14. Remarks</b>		
<b>15. Customer feedback required latest:</b> <b>(should we receive no feedback, the change will be deemed as accepted!)</b>	<b>2010/2/25</b>	
16. Approved by:	<i>Ben Wang ( Acting)</i>	



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## Customer Approval Form:

(Please tick the field what is valid for you!)

<input type="checkbox"/> <b>We agree with this proposed change and its schedule.</b>			
<input type="checkbox"/> <b>We have objections</b>			
<input type="checkbox"/> <b>We need more information:</b>			
<input type="checkbox"/> <b>We need sample:</b>			
<b>Company:</b>			
<b>Name:</b>			
<b>Address:</b>			
<b>Signature:</b>		<b>Date:</b>	

(YWSB8460)

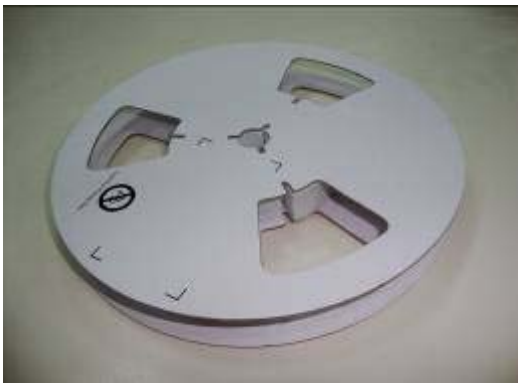
## Attachment1 -PCN#: QPCN10002

**PCN Type: SMD series 7" 16mm reel change notification**

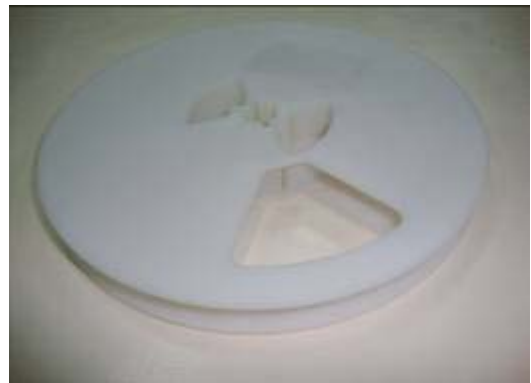
**Data sheet change: None**

### Detailed of change

This PCN is to advise our (TSC) customer that TSC will change SMD series 7" 16mm reel from paper to plastic. Originally we use paper reel for SMD series products only. And we will use plastic reel in the future, but the dimension will remain exactly the same as before. Plastic reel will help to eliminate impurity and paper residue on the reel. And Plastic reel can prevent from reel damage issue from external force. More information refers to the pictures below:



Old: 7" 16mm Paper reel

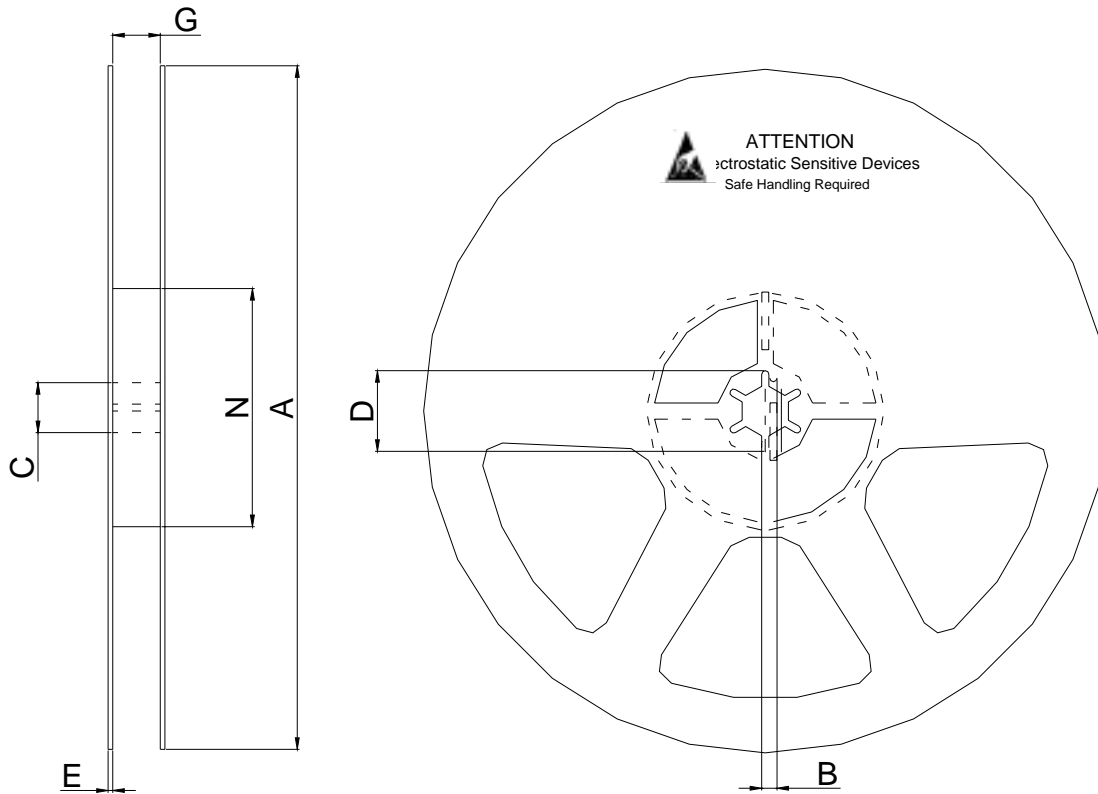


New: 7" 16mm Plastic reel

### Affected Part Numbers

**Devices in SMC/DO-214AB , package code with R7/R7G**

### Attachment# 2 Plastic Reel Drawing



P/N	Case	A ±2	B ±0.4	C (+0.5;-0.2)	D ±0.4	E ±0.1	G (+0.8;-0)	N ±1.0	Note
18-2130300	SMC	178.0	1.9	13.0	21.0	1.2	16.2	62.0	

Unit: mm

### Attachment# 3 Sales quantity by customer, P/N, quantity for the last two years in SMC

  
 2008 2009 SMC  
 Bill.xls