

Taiwan Semiconductor Co., Ltd.

Product/ Process Change Notification

1. PCN No.:	<i>QPCN09004</i>
2. Subject:	<i>SMD REEL Change Notification</i>
3. To:	<i>Sales</i>
4. Issued by:	Ben Wang
5. Issue date:	2009/05/21
6. Proposed first ship date for change:	2009/05/21
7. Affected Product Identification	
<i>SMA (R3/R3G/F3/F3G) / SMB (R5/R5G) / SubSMA (R3/R3G/RF/RFG) / ABS (RE/REG) series.</i>	
8. Change Description : (OLD Vs. NEW Comparison)	
Old:	New:
7'' Paper reel 12mm	7'' Plastic reel 12mm Refer to Attachment 2 Plastic Reel Drawing
9. Reason for Change:	
A. Avoid paper particle to residue on reel to influence on field application. B. Prevent from reel damage issue from moisture contain.	
10. Anticipated Impact: (form, fit, function, quality or reliability)	
<i>A. External dimension will exactly the same as before.</i> <i>B. Electrical function will remain the same or even better than before.</i> <i>C. Quality and reliability will be improved.</i>	
11. Qualification plan/result:	
<i>Refer to the attachment 1</i>	
12. Sample availability Date:	<u>2009/06/10</u>
13. Tentative implementation date:	<u>2009/11/20</u>
14. Remarks	
15. Customer feedback required latest: (should we receive no feedback, the change will be deemed as accepted!)	2009/6/21
16. Approved by:	<i>L.C.Kao</i> (signature)



Customer Approval Form:

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

<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 sample:			
Company:			
Name:			
Address:			
Signature:		Date:	

(QWS58283A)

Attachment1 -PCN#: YPCN09002

PCN Type: SMD series 7" 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" 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. More information refer to the pictures below:



Old: 7" Paper reel



New: 7" Plastic reel

Effected Part Numbers

SMA Series

ES1A, ES1B, ES1C, ES1D, ES1F, ES1G, ES1H, ES1J

ES2AA, ES2BA, ES2CA, ES2DA, ES2FA, ES2GA, ES2HA, ES2JA

HS1A, HS1B, HS1D, HS1F, HS1G, HS1J, HS1K, HS1M

US1A, US1B, US1D, US1G, US1J, US1K, US1M

HS2AA, HS2BA, HS2DA, HS2FA, HS2GA, HS2JA, HS2KA, HS2MA

SS12, SS13, SS14, SS15, SS16, SS19, SS110, SS115

SK22A, SK23A, SK24A, SK25A, SK26A, SK29A, SK210A, SK215A

SK32A, SK33A, SK34A, SK35A, SK36A, SK39A, SK310A, SK315A

RS1A, RS1B, RS1D, RS1G, RSJ, RS1K, RS1M

RS2AA, RS2BA, RS2DA, RS2GA, RS2JA, RS2KA, RS2MA

S1A, S1B, S1D, S1G, S1J, S1K, S1M

S2AA, S2BA, S2DA, S2GA, S2JA, S2KA, S2MA

P4SMA Series: P4SMA6.8 thru P4SMA200 (A/C/CA)

SMAJ Series: SMAJ5.0 thru SMAJ188 (A/C/CA)

1SMA Series: 1SMA4737 thru 1SMA200Z; 1SMA5926 thru 1SMA5956

SMB Series

ES2A, ES2B, ES2C, ES2D, ES2F, ES2G, ES2H, ES2J

HS2A, HS2B, HS2D, HS2F, HS2G, HS2J, HS2K, HS2M

SS22, SS23, SS24, SS25, SS26, SS29, SS210, SS215

SK12B, SK13B, SK14B, SK15B, SK16B, SK19B, SK110B, SK115B

SK32B, SK33B, SK34B, SK35B, SK36B, SK39B, SK310B, SK315B

RS2A, RS2B, RS2D, RS2G, RS2J, RS2K, RS2M

S2A, S2B, S2D, S2G, S2J, S2K, S2M

S1AB, S1BB, S2DB, S1GB, S1JB, S1KB, S1MB

S3AB, S3BB, S2DB, S3GB, S3JB, S3KB, S3MB

P6SMB Series: P6SMB6.8 thru P6SMB220 (A/C/CA)

SMBJ Series: SMBJ5.0 thru SMBJ170 (A/C/CA)

1SMB Series: 1SMB5926 thru 1SMB5956

Sub SMA

ES1AL, ES1BL, ES1CL, ES1DL, ES1FL, ES1GL, ES1HL, ES1JL

SS12L, SS13L, SS14L, SS15L, SS16L, SS19L, SS110L, SS115L

SS22L, SS23L, SS24L, SS25L, SS26L, SS29L, SS210L, SS215L

RSFAL, RSFBL, RSFDL, RSFGL, RSFJL, RSFKL, RSFML

RS1AL, RS1BL, RS1DL, RS1GL, RS1JL, RS1KL, RS1ML

S1AL, S1BL, S1DL, S1GL, S1JL, S1KL, S1ML

BZD17C Series: BZD17C10P thru BZD17C240P

BZD27C Series: BZD27C10P thru BZD27C240P

ABS Series

ABS2, ABS4, ABS6, ABS8, ABS10

Attachment 2 : Plastic reel drawing

