



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**PCN# 20130909003  
Carrier Tape Material change for LM3530UMX Device  
Information Only**

**Date:** 9/13/2013  
**To:** MOUSER PCN

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this PCN are for your information only. Please see the attachment details for the planned implementation date.

This notification period is per TI's standard process. Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services  
Phone: +1(214) 480-6037  
Fax: +1(214) 480-6659

**20130909003**  
**Attachment: 1**

**Products Affected:**

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
LM3530UME-40/NOPB	LM3530UME-40 NOPB
LM3530UME-25A/NOPB	LM3530UME-25A NOPB

Technical details of this Product Change follow on the next page(s).

<b>PCN Number:</b>	20130909003			<b>PCN Date:</b>	09/13/2013
<b>Title:</b>	Carrier Tape Packing Material change for LM3530UMX Device				
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>		<b>Phone:</b>	+1(214) 480-6037	<b>Dept:</b> Quality Services
<b>Change Type:</b>					
<input type="checkbox"/> Assembly Site	<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Assembly Materials	
<input type="checkbox"/> Design	<input type="checkbox"/>	Electrical Specification	<input type="checkbox"/>	Mechanical Specification	
<input type="checkbox"/> Test Site	<input checked="" type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	
<input type="checkbox"/> Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material	<input type="checkbox"/>	Wafer Bump Process	
<input type="checkbox"/> Wafer Fab Site	<input type="checkbox"/>	Wafer Fab Materials	<input type="checkbox"/>	Wafer Fab Process	

### PCN Details

#### Description of Change:

Carrier Tape Material change for LM3530UMX Device. Pack material differences are shown below:

Pack BOM	Current material	Proposed material
Tape	8097067-0001 Ao: 1.35 +/-0.05mm Bo: 1.65+/-0.05mm	4212589-0014 Ao: 1.37 +/-0.05mm Bo: 1.77+/-0.05mm

(See Appendix A for Tape "From/To" Detail)

#### Reason for Change:

Existing carrier tape 8097067-0001 causing LM3530UMX device to be stuck in the carrier tape pocket during SMT pick and place process.

#### Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

None

#### Changes to product identification resulting from this PCN:

None

#### Product Affected:

LM3530UME-40/NOPB	LM3530UMX-25A/NOPB
LM3530UMX-40/NOPB	LM3530UMX-40B/NOPB
LM3530UME-25A/NOPB	LM3530UMX-25A/S7002914
LM3530UME-40B/NOPB	LM3530UMX-25A/S7003079

## Qualification Summary for 4212589-0014 Carrier Tape

Supplier:	CPAK
Vendor Part No:	BD0137X0177 F25 20X6G3 L500 W8
TI Part No:	4212589-0014 (If available)
Weight/meter (g):	NA
Material:	Polycarbonate (PC)
Package Description	DSBGA
Package Designator:	YFZ 12
Result:	Pass
Date:	July 24, 2013

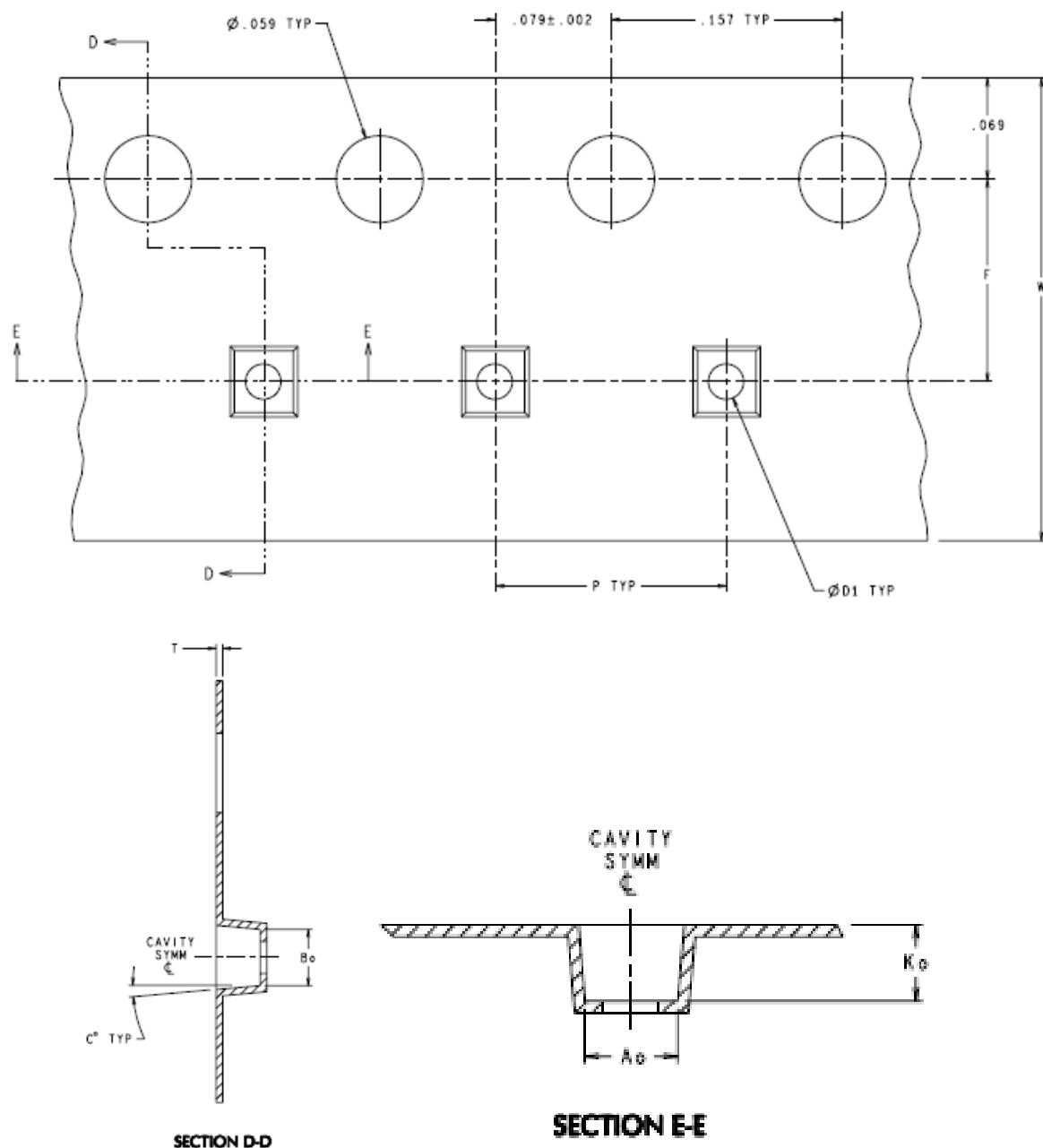
I. First Article Inspection Test	PASS	(Pass/Fail)
II. Manufacturability Test	PASS	
III. Dimensional Test	PASS	
IV. Camber Test	PASS	
V. Surface Resistivity Test	PASS	
VI. Fit Analysis	PASS	
VII. Drop Test	PASS	

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>

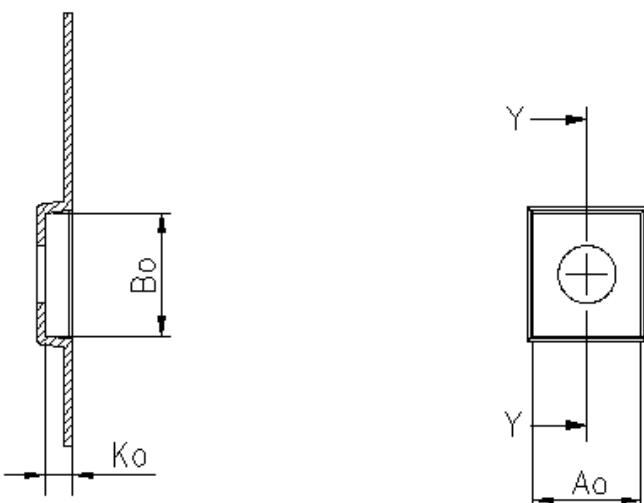
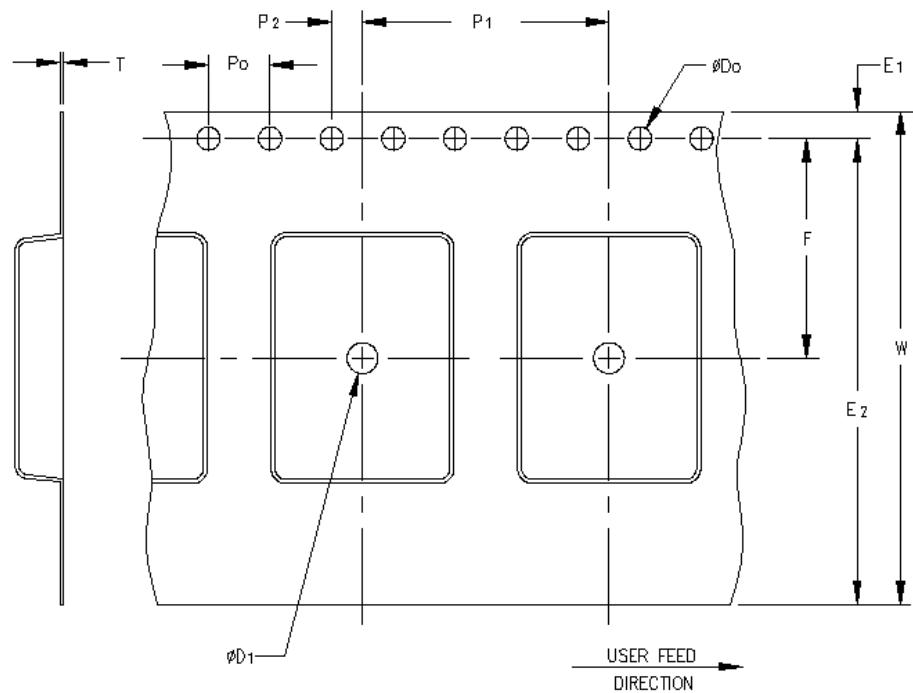
## Appendix A Carrier Tape "From/To" Detail

FROM CARRIER TAPE: 8097067-0001



$A_o$	$1.35 +/-.05$
$B_o$	$1.65 +/-.05$
$K_o$	$0.56 +/-.05$
$F$	$3.50 +/-.1$
$P_1$	$4.00 +/-.1$
$W$	$8.00 +/-.3$

**TO CARRIER TAPE: 4212589-0014**



SECTION Y-Y  
SCALE 4.5 : 1

$A_0$	$1.37 +/ - 0.05$
$B_0$	$1.77 +/ - 0.05$
$K_0$	$0.56 +/ - 0.05$
$F$	$3.50 +/ - 0.1$
$P_1$	$4.00 +/ - 0.1$
$W$	$8.00 +/ - 0.3$