



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

**PCN# 20150302001  
SPIL Taiwan Ball Placement Flux  
Change Notification / Sample Request**

**Date:** 5/6/2015  
**To:** MOUSER PCN

Dear Customer:

**TI has decided to cancel this PCN.** The devices included in PCN#20150302001 were not impacted by the solder flux change. The devices have always, from initial release date, been supplied with the solder flux WF6317 – Therefore there is no change planned. Please disregard PCN # 2010302001. We apologize for any confusion.

This is an announcement of a change to a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance of the change. If you require samples or additional data to support your evaluation, please request within 30 days.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

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

**20150302001**  
**Change Notification / Sample Request**  
**Attachments**

**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>
DLPC300ZVB	null

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

<b>PCN Number:</b>	20150302001			<b>PCN Date:</b>	05/06/2015
<b>Title:</b>	DPP260x Solder Ball Flux Change				
<b>Customer Contact:</b>	<a href="mailto:dlp_pcn_team@ti.com">dlp_pcn_team@ti.com</a>		<b>Dept:</b>	DLP® CQE	
<b>Proposed 1<sup>st</sup> Ship Date:</b>	7/15/2015		<b>Estimated Sample Availability:</b>	4/1/2015	
<b>Change Type:</b>					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Material
<input checked="" type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process
<b>PCN Details</b>					
<b>Description of Change:</b>					
<p><b>TI has decided to cancel this PCN. The flux is not changing and has been WF6317 since initial production.</b></p> <p>DPP260x solder ball flux is changing.          SPIL Taiwan is changing flux type from FW6400 to WF6317.</p>					
<b>Reason for Change:</b>					
1) Improve overall manufacturability 2) Better inventory management, as WF6317 is now SPILs standard.					
<b>Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):</b>					
None.					
<b>Changes to product identification resulting from this PCN:</b>					
None.					
<b>Product Affected:</b>					
<b><u>Device</u></b>		<b><u>Part Number</u></b>			
DPP2601		2510464-0001			
DPP2601		2510464-0001R			
DLPC2607		2510465-0001			
DLPC2607		2510465-0001R			
DLPC300ZVB		DLPC300ZVB			

<b>Qualification Data</b>	
This qualification has been developed for the validation of this change. The qualification data validates that the proposed change meets the applicable released technical specifications.	
<b>Qualification:</b>	<input type="checkbox"/> Plan <input checked="" type="checkbox"/> <b>Test Results</b>
<b>Test Criteria:</b>	
<ul style="list-style-type: none"> <li>• Ball Surface – for discoloration (not allowed).</li> <li>• Flux Residue – (not allowed).</li> <li>• Ball Shear Test</li> <li>• Ball Pull Test</li> </ul>	

**Monitor Plan:**

5 Lots Tested		
Item	Sample Size	Criteria
Missing ball	100%/ lot	>99.5%
Big ball	100%/ lot	>99.5%
Ball bridge	100%/ lot	>99.5%
Flux residue	100%/ lot	Not allow
Ball pull/ ball shear	8 ball/ pcs/ 3pcs/ lot	> SPEC criteria

**Qualification Testing Results:**

- A total of 9,984 parts were tested.
- All results passed.
- No Flux residue observed through SEM,

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
DLP PCN Team	<a href="mailto:dlp_pcn_team@ti.com">dlp_pcn_team@ti.com</a>
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>