

<b>PCN Number:</b>	20150302001	<b>PCN Date:</b>	04/22/2015
<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"/>	Assembly Process	<input type="checkbox"/>	Data Sheet
<input checked="" type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process
<b>PCN Details</b>			
<b>Description of Change:</b>			
DPP260x solder ball flux is changing. SPIL Taiwan is changing flux type from FW6400 to WF6317.			
<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>Device</b>		<b>Part Number</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"/> Test Results
<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>