

PCN Number:	20160721003	PCN Date:	7/22/2016
Title:	Datasheet for LMZ1*, LMZ2*, WPMDH1*		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input 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"/>	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
Notification Details			
Description of Change:			
<p>Texas Instruments Incorporated is announcing an information only notification.</p> <p>The product datasheet(s) is being updated as summarized below.</p> <p>The last item in the Power Module SMT Guidelines below has been included in the various applicable datasheets. The additional information is included in Power Module SMT Guidelines section of each applicable datasheet.</p> <p>Power Module SMT Guidelines</p> <p>The recommendations below are for a standard module surface mount assembly</p> <ul style="list-style-type: none"> • Land Pattern – Follow the PCB land pattern with either soldermask defined or non-soldermask defined pads • Stencil Aperture <ul style="list-style-type: none"> – For the exposed die attach pad (DAP), adjust the stencil for approximately 80% coverage of the PCB land pattern – For all other I/O pads use a 1:1 ratio between the aperture and the land pattern recommendation • Solder Paste – Use a standard SAC Alloy such as SAC 305, type 3 or higher • Stencil Thickness – 0.125 to 0.15mm • Reflow - Refer to solder paste supplier recommendation and optimized per board size and density • Maximum number of reflows allowed is one <p>The datasheet revision has changed. The full datasheet may be reviewed by manufacturing part number at the link provided below. http://www.ti.com/</p>			
Reason for Change:			
To more accurately reflect device characteristics.			
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.			
Changes to product identification resulting from this PCN:			
None.			

Product Affected:			
LMZ10503EXTTZ/NOPB	LMZ12002EXTTZE/NOPB	LMZ14201TZ-ADJ/NOPB	LMZ22005TZ/NOPB
LMZ10503EXTTZE/NOPB	LMZ12002EXTTZ/NOPB	LMZ14201TZE-ADJ/NOPB	LMZ22005TZE/NOPB
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LMZ10503TZ-ADJ/NOPB	LMZ12002TZE-ADJ/NOPB	LMZ14202EXTTZ/NOPB	LMZ22008TZ/NOPB
LMZ10503TZE-ADJ/NOPB	LMZ12002TZ-ADJ/NOPB	LMZ14202EXTTZE/NOPB	LMZ22008TZE/NOPB
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LMZ12001TZ-ADJ/NOPB	LMZ14201HTZE/NOPB	LMZ22003TZE/NOPB	
LMZ12002EXTTZ/NOPB	LMZ14201HTZX/NOPB	LMZ22003TZ/NOPB	

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

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