

PCN Number:	20161231002	PCN Date:	Jan. 6, 2017
Title:	Datasheet for LM5005		
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:

Texas Instruments Incorporated is announcing an information only notification.

The product datasheet(s) is being updated as summarized below.

The following change history provides further details.



LM5005

SNVS397E – SEPTEMBER 2005 – REVISED NOVEMBER 2016

Changes from Revision D (March 2013) to Revision E

Page

• Added ESD Ratings table, Feature Description section, Device Functional Modes, Application and Implementation section, Power Supply Recommendations section, Layout section, Device and Documentation Support section, and Mechanical, Packaging, and Orderable Information section	1
• Deleted Simplified Application Schematic image	1
• Added Typical Application Circuit image	1
• Changed Junction to Ambient, $R_{\theta JA}$, value in the Thermal Information table From: 40 To: 35.2	5
• Changed Junction to Case, $R_{\theta JC(bot)}$, value in the Thermal Information table From: 4 To: 1.2	5
• Changed Efficiency vs I_{OUT} and V_{IN} graph	7
• Deleted R_{RAMP} to V_{CC} for $V_{OUT} > 7.5V$ figure	13
• Added Connection of External Ramp Resistor to VCC when $V_{OUT} > 7.5 V$ figure	13

The datasheet number will be changing.

Device Family	Change From:	Change To:
LM5005	SNVS397D	SNVS397E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LM5005>

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:

LM5005MH	LM5005MH/NOPB	LM5005MHX/NOPB
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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	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com