



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20161006001
Datasheet for TL1431/TL1431M
Information Only**

Date: October 17, 2016
To: TOKYO ELECTRON DEVICE (DSTR) 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 notification are for your information only.

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).

Sincerely,

PCN Team
SC Business Services

20161006001
Information Only
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.

DEVICE	CUSTOMER PART NUMBER
TL1431CD	null
TL1431CLPRE3	null

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

PCN Number:	20161006001	PCN Date:	October 17, 2016
Title:	Datasheet for TL1431/TL1431M		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/> Assembly Site	<input type="checkbox"/> Design	<input type="checkbox"/> Wafer Bump Site	
<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Data Sheet	<input type="checkbox"/> Wafer Bump Material	
<input 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"/> Wafer Fab Process	

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification.
The product datasheet(s) is updated as seen in the change revision history below:



TL1431, TL1431M

SLVS062N – DECEMBER 1991 – REVISED OCTOBER 2016

www.ti.com

Changes from Revision M (April 2012) to Revision N

Page

- Added Device Information table, 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 ORDERING INFORMATION table; see POA at the end of the data sheet..... 1
- Changed $R_{\theta JA}$ for D, LP and PW package from: 97 °C/W to 114.7 °C/W (D), 140 °C/W to 157 °C/W (LP) and 149 °C/W to 172.4 °C/W (PW) in the Thermal Information table. 4
- Changed $R_{\theta JC(bot)}$ for FK and JG package from: 5.61 °C/W to 9.5 °C/W (FK) and 14.5 °C/W to 9.5 °C/W (JG) in the Thermal Information table..... 4

Device Family	Change From:	Change To:
TL1431/TL1431M	SLVS062M	SLVS062N

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/tl1431.pdf>

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:

5962-9962001Q2A	TL1431CDRE4	TL1431CLPRE3	TL1431MJGB
5962-9962001QPA	TL1431CDRG4	TL1431CPWR	TL1431QD
TL1431CD	TL1431CLP	TL1431CPWRG4	TL1431QDG4
TL1431CDE4	TL1431CLPE3	TL1431MFK	TL1431QDR
TL1431CDG4	TL1431CLPME3	TL1431MFKB	TL1431QDRG4
TL1431CDR	TL1431CLPR	TL1431MJG	TL1431QPWRG4

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