

Notification# 20180322002
Datasheet for LMR23610
Information Only

Date: March 23, 2018
To: PREMIER FARNELL PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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

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
LMR23610ADDA	null

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

PCN Number:	20180322002	PCN Date:	March 23, 2018
Title:	Datasheet for LMR23610		
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"/>		<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

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.



LMR23610

SNVSAH4C – DECEMBER 2015 – REVISED FEBRUARY 2018

Changes from Revision B (April 2017) to Revision C

Page

Deleted "Automotive Battery Regulation" from Applications	1
Changed "4.5 V" input range to "4-V... Input Range" in <i>Features</i> and "...wide input range from 4.5 V..." to "... wide input range from 4 V..." in <i>Description</i>	1
Added "2.2- μ F, 16-V" for VCC pin bypass capacitor	3
Changed ESD HBM value from " \pm 2500" to " \pm 2000"	4
Changed "4.5" in VIN row of Input voltage ROC table to "4"	4
Changed "4.5" to "4" in V _{IN} row under POWER SUPPLY	5
Changed "3.4" to "3.3" in VIN_UVLO row under POWER SUPPLY	5
Changed "hysteresis" to "threshold", "0.4" to "3.3" in VIN_UVLO row under POWER SUPPLY; add min = 2.9 and max = 3.5 in same row	5
Changed "V _{IN} = 4.5 V to 36 V" in ISHDN row of POWER SUPPLY to "V _{IN} = 12 V"	5
Changed "V _{IN} = 4.5 V..." to "V _{IN} = 4 V" in EC Test Conditions column starting with ENABLE (EN PIN)	5
Added "90" to MAX column of T _{ON_MIN} time under SW (SW PIN)	6
Changed operating from "4.5-V".... to "4-V"....in first sentence of Overview	9
Changed "...when the input voltage is in the operating range 4.5 V..." to "...when the input voltage is in the operating range 4 V..." in <i>Active Mode</i>	16
Changed "V _{OUT} = 7 V to 36 V..." to "V _{IN} = 7 V to 36 V..."	22

The datasheet number will be changing.

Device Family	Change From:	Change To:
LMR23610	SNVSAH4B	SNVSAH4C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LMR23610>

Reason for Change:

To 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:

LMR23610ADDA	LMR23610ADDAR		
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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