

<b>PCN Number:</b>	20180322002	<b>PCN Date:</b>	March 23, 2018
<b>Title:</b>	Datasheet for LMR23610		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<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 <a href="#">Applications</a> .....	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- $\mu$ 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 <sub>IN</sub> 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 <sub>IN</sub> = 4.5 V to 36 V" in ISHDN row of POWER SUPPLY to "V <sub>IN</sub> = 12 V" .....	5
Changed "V <sub>IN</sub> = 4.5 V..." to "V <sub>IN</sub> = 4 V" in EC Test Conditions column starting with ENABLE (EN PIN) .....	5
Added "90" to MAX column of T <sub>ON_MIN</sub> time under SW (SW PIN) .....	6
Changed operating from "4.5-V".... to "4-V"....in first sentence of <a href="#">Overview</a> .....	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 <sub>OUT</sub> = 7 V to 36 V..." to "V <sub>IN</sub> = 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.

<b>Location</b>	<b>E-Mail</b>
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>
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