

<b>PCN Number:</b>	20170608000	<b>PCN Date:</b>	July 31, 2017
<b>Title:</b>	Datasheet for LMR23625		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Proposed 1<sup>st</sup> Ship Date:</b>	October 31, 2017		
<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.



**LMR23625**

SNVSAH3B – DECEMBER 2015 – REVISED APRIL 2017

#### Changes from Revision A (July 2016) to Revision B

**Page**

- Changed high side current limit to 6.2 from 6.0 ..... 5
- Changed low side current limit to 4.2 from 4.6 ..... 5
- Changed all the four efficiency graphs D001, D002, D003 and D004 in the Typical Characteristics section ..... 8



**LMR23625**

SNVSAH3C – DECEMBER 2015 – REVISED JUNE 2017

#### Changes from Revision B (April 2017) to Revision C

**Page**

- Deleted "Automotive Battery Regulation" and reworded *Applications* ..... 1
- Added details of WSON package throughout data sheet ..... 1
- Added *Device Comparison Table* ..... 3
- Change EN Abs Max to EN/SYNC Abs Max ..... 4
- Adding VCCABS Max Table Note ..... 4
- Updating ESD Ratings to include HSOIC and WSON ..... 4
- Adding PGOOD input voltage ..... 4
- Adding PGOOD pin current ..... 4
- Corrected denominator of Equation 16 from "(V<sub>OUT</sub> x V<sub>OS</sub>)" to "(V<sub>OUT</sub> + V<sub>OS</sub>)" ..... 21
- clarified equations Equation 22 and Equation 23 ..... 26

The datasheet number will be changing.

Device Family	Change From:	Change To:
LMR23625	SNVSAH3A	SNVSAH3C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LMR23625>

#### Reason for Change:

To more accurately reflect device characteristics.

#### Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

Electrical specification performance changes as indicated above.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
LMR23625CDDA	LMR23625CDDAR	LMR23625CFDDA	LMR23625CFDDAR
LMR23625CFPDRRR	LMR23625CFPDRRT	PLMR23625CFPDRRR	

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>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>