PCN Number:	20180322000	**PCN Date:**	March 23, 2018
Title:	Datasheet for LMR23630		
Customer Contact:	PCN Manager	**Dept:**	Quality Services

Change Type:

☐	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Assembly Process	☒	Data Sheet	☐	Wafer Bump Material
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials
				☐	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.

TEXAS INSTRUMENTS

LMR23630

SNVSAH2D – DECEMBER 2015 – REVISED FEBRUARY 2018

Changes from Revision C (June 2017) to Revision D **Page**

- Changed HSOIC and WSON Input Range to 4 V to 36 V from 4.5 V for HSOIC and 4 V for WSON 1
- Changed Programmable Logic Controller Power Supply to Factory and Building Automation System... in Applications 1
- Deleted Multi-Function Printers and Industrial Power Supplies and reworded *Applications* 1
- Changed HVAC Systems from Applications to General Purpose Wide VIN Regulation 1
- Added "2.2-µF, 16-V" for VCC pin bypass capacitor 5
- Change the Max Recommend Operating Condition for Iout to be 3-A from 2.5-A 6
- Consolidating all the common EC table characteristic between HSOIC and WSON, for example Operation Input Voltage, VIN_UVLO, I_{EN} and Mnimum turn-on time 7
- Changed Typical Value for VIN_UVLO Rising threshold typical from 3.6-V to 3.7-V and minimum Falling threshold from 3-V to 2.9-V 7
- Changed the operating from "4.5-V" ... to "4-V" in Device Functional Modes 20
- Changed from V_{OUT} = 7 V to 36 V to V_{IN} = 7 V to 36 V on Figure 31 26

The datasheet number will be changing.

Device Family	Change From:	Change To:
LMR23630	SNVSAH2C	SNVSAH2D

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/LMR23630

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:

LMR23630ADDA	LMR23630ADDAR	LMR23630AFDDA	LMR23630AFDDAR
LMR23630APDRRR	LMR23630APDRRT	LMR23630DRRR	LMR23630DRRT
LMR23630FDRRR	LMR23630FDRRT		

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