

Notification# 20180322000
Datasheet for LMR23630
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 |
|---------------|-----------------------------|
| LMR23630ADDA | null |
| LMR23630AFDDA | null |

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

| | | | |
|--------------------------|---------------------------|-------------------------------------|---------------------|
| PCN Number: | 20180322000 | PCN Date: | March 23, 2018 |
| Title: | Datasheet for LMR23630 | | |
| 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.



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 <i>Applications</i> | 1 |
| • Changed HVAC Systems from Applications to General Purpose Wide VIN Regulation | 1 |
| • Added "2.2- μ F, 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 Mnumim 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 |