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|--------------------------|----------------------------------|-------------------------------------|---------------------|
| PCN Number: | 20150105000 | PCN Date: | 01/06/2015 |
| Title: | Datasheet update for TPS6240x-Q1 | | |
| Customer Contact: | PCN Manager | Phone: | +1(214) 480-6037 |
| | | 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"/> | Wafer Bump Site |
| | | <input type="checkbox"/> | Wafer Bump Material |
| | | <input type="checkbox"/> | Wafer Bump Process |
| | | <input type="checkbox"/> | Wafer Fab Site |
| | | <input type="checkbox"/> | Wafer Fab Materials |
| | | <input type="checkbox"/> | Wafer Fab Process |

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification.

The product datasheet(s) is being updated to change the oscillator specification, change the VDEF_1H and VDEF_1L Test Conditions, change the $f_{SW} 2.5 V \leq V_{IN} \leq 6 V$ MIN value and add f_{SW} with Test Conditions.

The following change history provides further details



TPS62400-Q1, TPS62402-Q1, TPS62404-Q1, TPS62405-Q1

SLVSA67D – FEBRUARY 2010 – REVISED OCTOBER 2014

www.ti.com

Changes from Revision C (October 2014) to Revision D

Page

- Changed oscillator specification from 1.6 MHz to 2 MHz minimum switching frequency and to 1.7 MHz for $V_{IN} \leq 3 V$ 7

Changes from Revision B (May 2013) to Revision C

Page

- Changed the data sheet to meet the new TI standard format 1
- Changed the V_{DEF_1H} and V_{DEF_1L} Test Conditions 6
- Changed $f_{SW} 2.5 V \leq V_{IN} \leq 6 V$ MIN value From: 2 MHz to 1.6 MHz 7
- Added f_{SW} with Test Conditions $3.25 V \leq V_{IN} \leq 6 V$ 7

The datasheet number will be changing.

| | | |
|---------------|--------------|-----------------|
| Device Family | Change From: | Change To: |
| TPS6240x-Q1 | SLVSA67B | SLVSA67D |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS62405-Q1>

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.

Changes to product identification resulting from this PCN:

None.

Product Affected:

| | | | |
|-----------------|-----------------|-----------------|-----------------|
| TPS62400QDRCRQ1 | TPS62402QDRCRQ1 | TPS62404QDRCRQ1 | TPS62405QDRCRQ1 |
|-----------------|-----------------|-----------------|-----------------|

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 |