

Notification Number:	20161107000	Notification Date:	November 11, 2016
Title:	Datasheet for TPS61240-Q1		
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 updated as seen in the change revision history below:



TPS61240-Q1

SLVSAO4A – DECEMBER 2010 – REVISED OCTOBER 2016

www.ti.com

Changes from Original (December 2010) to Revision A

Page

• Added Applications section, ESD Ratings table, Feature Description section, Device Functional Modes, Application and Implementation section, Power Supply Recommendations section, Layout section, Device and Documentation Support section, and Mechanical, Packaging, and Orderable Information section	1
• Changed TPS6124x to TPS61240-Q1 throughout document	1
• Changed Description section	1
• Deleted Ordering Information table	1
• Changed Pin Functions figure and table	3
• Deleted Dissipation Ratings table.....	4
• Added Inductance and Output capacitance values and table note to Recommended Operating Conditions	4
• Added Thermal Information table	4
• Changed reference to Typical Applications section	5
• Changed V _{OUT} test condition to 2.3 V to $\leq V_{IN} \leq V_{OUT}$	5
• Added equals before 2.3 V in Output current test condition	5
• Removed I _{SW} from all rows except Switch valley current limit	5
• Changed Operating quiescent current test condition by adding device not switching	5
• Added equals before 600 mVp-p in Line transient response test condition	5
• Moved figures 8 through 16 to Application Curves section	6
• Updated titles of figures 2 through 7 for better clarity Figure 2	6
• Deleted Parameter Measurement Information section	8
• Changed Updated Overview section for more clarity	8
• Changed Figure 8 Inductor/Rectifier Currents in Current Limit Operation waveform.....	9
• Added Under no load conditions to Soft Start section.....	10
• Deleted HDMI / USB-OTG Application title	11
• Updated Inductor Selection section.....	12
• Deleted List of Inductors table and listed one example inductor in description	12
• Changed 2.7 μ F to 2.3 μ F in Output Capacitor section	13

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS61240-Q1	SLVSAO4	SLVSAO4A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/tps61240-q1.pdf>

Reason for Change:

To more 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 notification:
None.
Product Affected:
TPS61240IDRVRQ1

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
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