

Notification Number:	20151006000	Notification Date:	11/09/2015
Title:	Datasheet update for TPS62152-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:



TPS62152-Q1

SLVSC52B – JULY 2013 – REVISED SEPTEMBER 2015

www.ti.com

Changes from Revision A (July 2013) to Revision B

Page

• Changed output voltage in the <i>Features</i> section.....	1
• Changed output voltage in second paragraph of the <i>Description</i> section.....	1
• Added the <i>ESD Ratings</i> table, <i>Feature Description</i> section, <i>Programming</i> section, <i>Application and Implementation</i> section, <i>Layout</i> section, <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section	1
• Changed the minimum supply voltage value from 3 to 4 in the <i>Recommended Operating Conditions</i> table	4
• Added the capacitor and inductor parameters to the <i>Recommended Operating Conditions</i> table	4
• Changed the minimum input voltage value from 3 to 4 in the <i>Electrical Characteristics</i> table	5
• Deleted all references to the TPS62150-Q1 device and adjustable output versions.....	5
• Changed the values of the output voltage range parameter in the <i>Electrical Characteristics</i> from 0.9 (min) and 6 (max) to 3.3 (typ)	5
• Added inductor and capacitor values to some of the graphs in the <i>Typical Characteristics</i> section	6
• Deleted empty rows 0.47 μ H and 4.7 μ H and columns for 4.7 μ F and 400 μ F from the <i>L-C Output Filter Combinations</i> table	18

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS62152-Q1	SLVSC52A	SLVSC52B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps62152-q1>

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 PCN:

None.

Product Affected:

TPS62152QRGTRQ1

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