

<b>PCN Number:</b>	20140603000	<b>PCN Date:</b>	06/06/2014
<b>Title:</b>	TPS54362-Q1 datasheet revisions		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Phone:</b>	+1(214) 480-6037
<b>Dept:</b>	Quality Services		
<b>Change Type:</b>	<input checked="" type="checkbox"/> Data Sheet		

**PCN Details**

**Description of Change:**

Texas Instruments Incorporated is announcing an information only notification.

The product datasheet(s) is being changed from Revision E to **Revision F**

The following change history provides further details:



TPS54362-Q1  
SI VS845F –MARCH 2009–REVISED MAY 2014

**4 Revision History**

Changes from Revision E (May 2013) to Revision F	Page
• Changed all text, tables and graphics to the new data sheet template.....	1
• Changed pinout drawing.....	3
• Changed parameter symbols for JEDEC compliance throughout the data sheet.....	3
• Added a row for the Rslew pin to the <i>Absolute Maximum Ratings</i> table.....	4
• Changed symbol for thermal resistance from $\theta$ to $R_{\theta}$ in the <i>Thermal Information</i> table.....	5
• Added $I_{IKg}$ parameters for EN pin on TPS54362B-Q1 device.....	6
• Revised <a href="#">Figure 22</a> .....	21
• Changed value of R4 in <i>Output Voltage and Feedback Resistor Selection</i> section.....	24
• Changed several values in the <i>Overvoltage Resistor Selection</i> section.....	24
• Changed several values in the <i>Reset-Threshold Resistor Selection</i> section.....	24
• Changed the voltage value in the <i>Undervoltage Threshold for Low-Power Mode and Load-Transient Operation</i> section.....	25
• Added the TPS54362B-Q1 part number to the text of the <i>Soft-Start Capacitor</i> section.....	25
• Changed calculated values for loop compensation components.....	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS54362-Q1	SLVS845E	<b>SLVS845F</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps54362-q1?keyMatch=tps54362&tisearch=Search-EN>

<b>Reason for Change:</b>
See revision history noted above
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>
Electrical specification performance changes as indicated above.
<b>Changes to product identification resulting from this PCN:</b>
None.
<b>Product Affected:</b>
TPS54362AQPWPRQ1

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
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