PCN Number:	20130626001		PCN Date:	07/01/2013
Title:	TPS43340-Q1 datasheet - CMS C1209044			
Customer Contact:	PCN Manager	Phone: +1(214) 480-6037	Dept:	Quality Services

Change Type:

☐	Assembly Site	☐	Assembly Process	☐	Assembly Materials
☐	Design	☒	Electrical Specification	☐	Mechanical Specification
☐	Test Site	☐	Packing/Shipping/Labeling	☐	Test Process
☐	Wafer Bump Site	☐	Wafer Bump Material	☐	Wafer Bump Process
☐	Wafer Fab Site	☐	Wafer Fab Materials	☐	Wafer Fab Process

PCN Details

Description of Change:

Texas Instruments publication SLVSB16B has changed as described below:

Page 1, Added bullets to top of Features list
Page 1, Revised first-page schematic
Page 2, Appended missing "-Q1" to part number
Page 4, Added the Thermal Information table
Page 5, Deleted thermal characteristics from Recommended Operating Characteristics table
Page 6, Multiple changes throughout Electrical Characteristics table
Page 11, Added a sentence to the EXTSUP pin description
Page 12, Changed "converter" to "controller" for pin SS2
Page 14, Modified Equation 1
Page 14, Changed fSW-Trans-delay to tSW-Trans-delay Page 14, Modified Equation 2
Page 14, Renamed VBUCKx to VOUTx
Page 14, Added (Farads) to Equation 3
Page 14, Changed "resistor" to "VOUT3"
Page 16, Revised Figure 4
Page 17, Changed "VBAT" to "VIN"
Page 19, Changed the recommended capacitor value
Page 19, Added a sentence to the second paragraph of the Gate-Driver Supply section
Page 19, Added new sentence to Gate-Driver Supply section
Page 19, Replaced the two paragraphs following Figure 6 with three new paragraphs
Page 28, Modified power-dissipation equations
Page 30, Buck2 Component Selection, modified Equation 22, Equation 25, Equation 26, and Equation 29, Equation 31
Page 30, Added Equation 27, Equation 28, Equation 30, and Equation 32
Page 30, Buck3 Component Selection, modified Equation 34, Equation 36, Equation 37, and Equation 38,
Page 30, Added Equation 39, Equation 40, Equation 41, and Equation 43
Page 33, Modified several equations in Summary of Equations table

Reason for Change:
Make corrections throughout.
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):
No anticipated impact.
Changes to product identification resulting from this PCN:
None
Product Affected:
TPS43340QPHPRQ1

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
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