

PCN Number:	20141103000	PCN Date:	11/13/2014
Title:	TPS40422 Datasheet Error Corrections and Additional Application Information		
Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037
Dept:	Quality Services		
Change Type:	<input checked="" type="checkbox"/> Data Sheet		

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet is being updated to change as summarized in the following change history:

Changes from Revision C (AUGUST 2012) to Revision D	Page
• Added <i>Handling Ratings</i> table, <i>Feature Description</i> section, <i>Device Functional Modes</i> section, <i>Application and Implementation</i> section, <i>Power Supply Recommendations</i> section, <i>Layout</i> section, <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section.....	1
• Corrected Simplified Application	1
• Updated FB2 description in table	5
• Changed maximum input voltage range for VDD from "20 V" to "22 V" in Absolute Maximum Ratings table	6
• Corrected maximum input voltage range for CLK, DATA, and SYNC to "5.5 V" in Absolute Maximum Ratings table ...	6
• Corrected maximum input voltage range for CNTL1, CNTL2 to "7 V" in Absolute Maximum Ratings table	6
• Corrected maximum output voltage range for SMBALRT in Absolute Maximum Ratings table	6
• Updated specifications in PMBus INTERFACE section of Electrical Characteristics table	10
• Added Switching Node and BOOT Voltage section	19
• Changed section title from <i>User Data and Adjustable Anti-Cross Conduction Delay</i> to User Data	22
• Updated User Data section	22
• Added Adjustable Anti-Cross Conduction Delay section.....	22
• Added Table 4	28

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS40422	SLUSAQ4C	SLUSAQ4D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/gpn/tps40422>

Reason for Change:

Correct errors in datasheet and add additional application information

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

See change summary listed above

Changes to product identification resulting from this PCN:

None.

Product Affected:

TPS40422RHAR and TPS40422RHAT

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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