


PCN Number:	20131119001	PCN	12/18/2013
Title:	Datasheet update for TPS54618QRTERQ1 and HPA022x Devices		
Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037
		Dept:	Quality Services
Change Type:	<input checked="" type="checkbox"/>	Electrical Specification	

PCN Details

Description of Change:

The product datasheet is being updated to reflect current thermal data values, RT/CLK absolute maximum voltage, and RT/CLK high threshold voltage for TPS54618QRTERQ1 and HPA022x devices. Affected devices are listed in the "Product Affected" section.

The following revision history provides further details. These changes may be reviewed at the datasheet link provided.

TPS54618-Q1	
<small>SLVSBY9C –AUGUST 2013–REVISED DECEMBER 2013</small>	<small>www.ti.com</small>
REVISION HISTORY	
Changes from Revision B (November 2013) to Revision C	Page
• Changed title of data sheet	1
• Changed absolute maximum voltage for RT/CLK pin from 3.3 V to 4 V	2
• Changed high threshold for RT/CLK pin from 2.5 V to 2.2 V	4
Changes from Revision A (September 2013) to Revision B	Page
• Revised thermal data	3
Changes from Original (August 2013) to Revision A	Page
• Revised the absolute maximum EN voltage input from 3.3 V maximum to a 4 V maximum	2
• Changed Changed graph title from "SWITCHING FREQUENCY vs RT RESISTANCE LOW FREQUENCY RANGE Typical Characteristics curve" to "SWITCHING FREQUENCY versus VSENSE."	7
• Changed first equation for Constant Switching Frequency and Timing Resistor	16
• Changed second equation for Constant Switching Frequency and Timing Resistor	16

The datasheet revision will be changing.

Device Family	Change From:	Change To:
TPS54618-Q1	SLVSBY9A	SLVSBY9C

The updated datasheet can be accessed by the following link:
<http://www.ti.com/product/tps54618-q1>

Reason for Change:
Accuracy of datasheet
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):
Electrical specification performance changes as indicated above.
Changes to product identification resulting from this PCN:
None

Product Affected:			
<table border="1"> <tr> <td>HPA02218RTERQ1</td> <td>HPA02246QRTERQ1</td> <td>TPS54618QRTERQ1</td> </tr> </table>	HPA02218RTERQ1	HPA02246QRTERQ1	TPS54618QRTERQ1
HPA02218RTERQ1	HPA02246QRTERQ1	TPS54618QRTERQ1	

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or to 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