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SLUS907H - JANUARY 2009-REVISED JANUARY 2014

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C	nanges from Revision G (May 2013) to Revision H	Page
	Deleted minimum voltage from voltage range in the document title, features list and description	1
•	Added 5-A to document title	1
•	Changed listed to recognized in UL FEATURES bullet, also added specific UL number	
•	Added SSDs, PCIE, and Fan Control to the APPLICATIONS list	1
•	Added maximum-UV turn-on threshold of 2.9 V sentence to the first paragraph of the DESCRIPTION	1
•	Deleted capacitor, C_{VIN} , and diode from the <i>Typical Application</i> image. Also changed R_{SET} to R_{RSET} and C_{OUT} to C_{LOAD} . Removed voltage range and changed OUT to VOUT. Also removed note on the former C_{OUT} stating that this is only required in systems with lead and/or load inductance	s 1
•	Changed C _{OUT} to C _{LOAD} and R _{SET} to R _{RSET} throughout document	1
•	Changed C _{OUT} to C _{VOUT} for the power limit parameter in the <i>ELECTRICAL CHARACTERISTICS</i> table	3
•	Changed current limit value of the ISET description from 125% to 150% in the TERMINAL FUNCTIONS table. Also removed TPS2421 only text form this description	
•	Added note for TPS2421-1 to the VIN description in the PIN DESCRIPTION section	7
•	Changed R _{SET} = 100 kW to R _{RSET} = 100 kΩ in the FAULT CURRENT vs JUNCTION TEMPERATURE graph	8
•	Changed V_{IN} to V_{VIN} in the functional block diagram, Equation 6, and Equation 7	13
•	Changed In to V _{VIN} in Equation 21	18

TPS2590



SLUS960G – JULY 2009 – REVISED JANUARY 2014

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REVISION HISTORY

С	Changes from Revision F (May 2013) to Revision G	Page
	Deleted the minimum voltage from the voltage range listed in the document title, features list and description	1
	Added 5-A to document title	
•	Changed listed to recognized in last Features bullet. Also added 2367 to UL number	1
•	Added SSDs, PCIE, and Fan Control list items to the APPLICATIONS list	1
•	Added UV turn-on threshold and bus voltage text to the first paragraph of the DESCRIPTION	1
•	Deleted ORDERING INFORMATION table	2

TPS25910



SLUSAR6D - SEPTEMBER 2012-REVISED JANUARY 2014

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REVISION HISTORY

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS2420	SLUS903E	SLUS903F
TPS2421-X	SLUS907G	SLUS907H
TPS2590	SLUS960F	SLUS960G
TPS25910	SLUSAR6C	SLUSAR6D

The updated datasheet(s) can be accessed by the following link(s):

http://www.ti.com/product/TPS2420 http://www.ti.com/product/TPS2421-1 http://www.ti.com/product/TPS2590 http://www.ti.com/product/TPS25910

Reason for Change:

To more accurately reflect device characteristics.

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:

TPS2420RSAR	TPS2421-1DDAR	TPS2590RSAR	TPS25910RSAT
TPS2420RSAT	TPS2421-2DDA	TPS2590RSAT	
TPS2421-1DDA	TPS2421-2DDAR	TPS25910RSAR	

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

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