PCN Number:			20140417000						PCN Dat	:e:	04/24/2014
			date for TPS65131-Q1								
		er Contact:	PCN Manager	-		7	Donty Ou		ality Services		
		Type:	FCN Manager	•	Pilone:	T1(214) 4	80-003	/	Dept:	Qua	anty Services
	1	embly Site			Design			$\overline{}$	Wafer	Bum	p Site
		embly Process			Data Sheet				Wafer Bump Material		
	Assembly Material		S		Part number change				Wafer Bump Process		
		chanical Specification			Test Site	Test Site Wafer Fat			Fab S	Site	
	Pacl	Packing/Shipping/Labeling			Test Pro	cess					Materials
									Wafer Fab Process		
PCN Details											
Description of Change:											
hist Plea	ory p ase No s revi		r details asheet addre	esse	es the tecl	nnical conte	ent only	. Д	\ subseq	uent	revision of the



9 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision B (February 2013) to Revision C Added "In applications where high power dissipation and/or poor package thermal resistance is present, the Changed "Over recommended free-air temperature range and over recommended input voltage range; typical values at an ambient temperature of 25°C (unless otherwise noted)" to "The specification applies over the full recommended input voltage range $V_{IN} = 2.7$ to 5.5V and over the temperature range $T_J = T_A = -40$ to 125°C unless Changed "The maximum recommended junction temperature (T_{.1}) of the TPS65131-Q1 is 125°C." to "The Changed "Specified regulator operation is ensured to a maximum ambient temperature T₄ of 105°C." to "It is Changed "Therefore, the maximum power dissipation is about 1058 mW" to "Equation 13 can be used to calculate the maximum power dissipation, $P_{D,max}$, as a function of T_A . In this equation, use $T_J = 125$ °C to operate the device within the recommended temperature range, use T_J = T_{TS} to determine the absolute maximum threshold when the

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS65131-Q1	SLVSBB2B	SLVSBB2C

These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/tps65131-q1

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:				
TPS65131TRGERQ1				

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
Japan	PCNJapanContact@list.ti.com