


PCN Number:	20181024000.0	PCN Date:	Nov. 5, 2018
Title:	Datasheet for TPS7B82-Q1		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process
Notification Details			
Description of Change:			
<p>Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details.</p>			
		TPS7B82-Q1 SLVSDQ0D –NOVEMBER 2017–REVISED OCTOBER 2018	
Changes from Revision C (February 2018) to Revision D			
			Page
•	Added DRV package to document		1
•	Changed -40°C to 125°C to $-40^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ in first AEC-Q100 Qualified sub-bullet in Features section		1
•	Changed Extended Junction Temperature Range bullet of Features section		1
•	Changed first Low Quiescent Current I_Q sub-bullet in Features section		1
•	Deleted Integrated Fault Protection bullet from Features section		1
•	Added WSON to Packages bullet in Features section		1
•	Changed MSOP to HVSSOP throughout document		1
•	Changed first bullet in Applications section		1
•	Added Telematics Control Unit bullet to Applications section		1
•	Changed second paragraph of Description section		1
•	Added DRV package to Pin Configuration and Functions section		4
•	Changed maximum specification of second $I_{(Q)}$ parameter row from $5 \mu\text{A}$ to $6.5 \mu\text{A}$		6
•	Added first row and last three rows to $V_{(\text{Dropout})}$ parameter		6
•	Changed Input Capacitor section		12
The datasheet number will be changing.			
Device Family		Change From:	Change To:
TPS7B82-Q1		SLVSDQ0C	SLVSDQ0D
These changes may be reviewed at the datasheet links provided.			
http://www.ti.com/product/TPS7B82-Q1			
Reason for Change:			
To accurately reflect device characteristics.			
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.			
Changes to product identification resulting from this PCN:			
None.			
Product Affected:			
TPS7B8233QDGNRQ1	TPS7B8250QDGNRQ1		

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