

PCN Number:	20141028000	PCN Date:	10/31/2014
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Title:	Datasheet update for TPS7A66xx/69xx-Q1		
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Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037	Dept:	Quality Services
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Change Type:					
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<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Materials
				<input type="checkbox"/>	Wafer Fab Process

PCN Details

Description of Change:

The product datasheet(s) is being updated to update application graph, add the timing for SI/SO and correct several mistake.

The following change history provides further details



TPS7A6601-Q1, TPS7A6633-Q1
 TPS7A6650-Q1, TPS7A6933-Q1, TPS7A6950-Q1

SLVSBL0D – DECEMBER 2012 – REVISED OCTOBER 2014

www.ti.com

Changes from Revision C (December 2013) to Revision D	Page
• Changed CDM ESC classification level	1
• Changed FB/NC pin to FB/NU in Pin Functions table. Added NC and NU notes to pinout drawings	4
• Removed ESD and T _{stg} specifications from the <i>Absolute Maximum Ratings</i> table	4
• Added <i>Handling Ratings</i> table	5
• Numerous changes throughout the <i>Electrical Characteristics</i> table	6
• Added <i>Switching Characterisitcs</i> table	7
• Moved an oscilloscope trace to the Applications Information section	9
• Changed de-glitch time in <i>Power-On Reset (PG)</i> section	12
• Changed reset delay timer default delay to 290 μs from 150 μs	12
• Changed voltage at which Power-on reset initializes to 91.6% of V _(Vout)	12
• Changed selectable output voltage range and calculation for FB resistor divider	13

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS7A66xx/69xx-Q1	SLVSBL0C	SLVSBL0D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps7a6633-q1?qqpn=tps7a6633-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:			
TPS7A6601QDGNRQ1	TPS7A6633QDGNRQ1	TPS7A6650QDGNRQ1	TPS7A6933QDRQ1
TPS7A6950QDRQ1			

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
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