

PCN Number:	20181002003.0	PCN Date:	October 03, 2018
Title:	Datasheet for TPS54218		
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"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

Notification Details

Description of Change:

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.



TPS54218

SLVS974E – SEPTEMBER 2009 – REVISED SEPTEMBER 2018

Changes from Revision D (April 2018) to Revision E	Page
• Changed charge current from 1.8 μA to 2.07 μA	7
• Changed SS discharge voltage (overload) units from μA to mV.....	7
• Changed SS charge current graph.....	10
• Updated content of <i>Soft-Start Pin</i> , including Equation 4.....	15
• Changed " I_{SS} is 2 μA ..." to " I_{SS} is 2.07 μA ."	25
• Deleted " V_{REF} is 0.8 V"	25
• Changed "...which requires a 10 μF capacitor" to "...which requires a 9.2-nF capacitor. The nearest standard value of 10 nF is used resulting in a calculated soft-start time of 4.3 msec. "	25
• Deleted reference to obsolete SwitcherPro software	27
• Changed Figure 45	30
• Added Figure 46.....	30

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS54218	SLVS974D	SLVS974E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS54218>

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:

TPS54218RTER	TPS54218RTET		
--------------	--------------	--	--

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