

PCN Number:	20180222001	PCN Date:	February 23, 2018
Title:	Datasheet for TPS2372		
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.



TPS2372

SLUSCM4A – OCTOBER 2017 – REVISED FEBRUARY 2018

Changes from Original (October 2017) to Revision A

Page

• Changed TPS2372-2 typical current limit to 1.85 A	1
• Changed TPS2372-3 device to production data	1
• Deleted advance information table notes	1
• Changed current limit nominal value to 1.85 and maximum value to 2.2	6
• Changed minimum value of inrush termination to 65%	6
• Changed typical shutdown temperature to 158°C	8
• Added TPS2372-4 to the title of Figure 10	10
• Changed "current limit is changed to 1.8 A" to "current limit is changed to 1.85 A" in <i>Internal Pass MOSFET and Inrush Delay Enable, IRSHDL_EN</i> subsection	15
• Changed "~" to "approximately" and "1.8 A" to "1.85 A" in the <i>Advanced Startup and Converter Operation</i> subsection	24
• Changed equation 3 and equation 4 values in <i>Automatic MPS and MPS Duty Cycle, R_{MPS} and R_{MPS_DUTY}</i>	30
• Changed TPS2372-3RGWR and TPS2372-3RGWT devices to ACTIVE	37

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS2372	SLUSCM4	SLUSCM4A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS2372>

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:

TPS2372-3RGWR	TPS2372-3RGWT	TPS2372-4RGWR	TPS2372-4RGWT
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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
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