

Notification Number:	20210630000	Notification Date:	July 19, 2021
Title:	Datasheet for TPS543820, TPS543620, TPS543320, and TPS543820E		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type:	Electrical Specification		

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.



TPS543820

SLUSED1B – MAY 2020 – REVISED JUNE 2021

Changes from Revision A (February 2021) to Revision B (June 2021)	Page
• Changed 10-ns transient to 20-ns transient.....	4
• Changed VIN to SW, transient 20 ns min value to -6.....	4
• Changed SW, transient 20 ns min value to -5.....	4
• Added T _{OFF(min)} max value.....	5
• Added text for considering minimum off-time for fsw selection.....	18



TPS543620

SLUSDR5C – MAY 2020 – REVISED JUNE 2021

Changes from Revision B (February 2021) to Revision C (June 2021)	Page
• Changed 10-ns transient to 20-ns transient.....	4
• Changed VIN to SW, transient 20 ns min value to -6.....	4
• Changed SW, transient 20 ns min value to -5.....	4
• Changed max V _{OUT} to 7 V.....	4
• Added T _{OFF(min)} max value.....	5
• Added text for considering minimum off-time for fsw selection.....	19



TPS543320

SLUSEE1B – MAY 2020 – REVISED JUNE 2021

Changes from Revision A (February 2021) to Revision B (June 2021)	Page
• Changed 10-ns transient to 20-ns transient.....	4
• Changed VIN to SW, transient 20 ns min value to -6.....	4
• Changed SW, transient 20 ns min value to -5.....	4
• Changed max V _{OUT} to 7 V.....	4
• Added T _{OFF(min)} max value.....	5
• Added text for considering minimum off-time for fsw selection.....	18



TPS543820E

SLUSEE0A – MAY 2020 – REVISED JUNE 2021

Changes from Revision * (December 2020) to Revision A (June 2021)	Page
• Changed 10-ns transient to 20-ns transient.....	4
• Changed VIN to SW, transient 20 ns min value to -6.....	4
• Changed SW, transient 20 ns min value to -5.....	4
• Changed max V _{OUT} to 7 V.....	4
• Added T _{OFF(min)} max value.....	5
• Added text for considering minimum off-time for fsw selection.....	18

The datasheet number will be changing.			
Device Family	Change From:		Change To:
TPS543820	SLUSED1A		SLUSED1B
TPS543620	SLUSDR5B		SLUSDR5C
TPS543320	SLUSEE1A		SLUSEE1B
TPS543820E	SLUSEE0		SLUSEE0A
<p>These changes may be reviewed at the datasheet links provided.</p> <p>http://www.ti.com/product/TPS543820</p> <p>http://www.ti.com/product/TPS543620</p> <p>http://www.ti.com/product/TPS543320</p> <p>http://www.ti.com/product/TPS543820E</p>			
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 documentation change announcement only. There are no changes to the actual device.			
Changes to product identification resulting from this notification:			
None.			
Product Affected:			
TPS543820RPYR	TPS543620RPYR	TPS543320RPYR	TPS543820RPYR-ET

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

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