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.

TEXAS INSTRUMENTS

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

TEXAS INSTRUMENTS

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

TEXAS INSTRUMENTS

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

TEXAS INSTRUMENTS

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

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/TPS543820

http://www.ti.com/product/TPS543620

http://www.ti.com/product/TPS543320

http://www.ti.com/product/TPS543820E

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.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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