

PCN Number:	20130702000		PCN Date:	07/09/2013	
Title:	TPS6213X/4X/5X, TLV62130/TLV62150 Data Sheet				
Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037	Dept:	Quality Services
Change Type:					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Assembly Materials
<input type="checkbox"/>	Design	<input checked="" type="checkbox"/>	Electrical Specification	<input type="checkbox"/>	Mechanical Specification
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Wafer Fab Site	<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 add new family member information (A-version) and make the previously recommended FSW pin connection (to Vout for low switching frequency mode) mandatory (see FSW section of the datasheet).

TPS62130, TPS62130A
TPS62131, TPS62132, TPS62133

SLVSAJ7B –NOVEMBER 2011–REVISED JUNE 2013



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REVISION HISTORY

NOTE: Page numbers of current version may differ from previous versions.

Changes from Revision A (September 2012) to Revision B	Page
• Added device TPS62130A to data sheet Header	1
• Added device TPS62130A to Ordering Information table	2
• Added text to Power Good section regarding TPS63130A.	17
• Added pin option to Footnote statement for Pin-Selectable Output Voltage (DEF) section.	17
• Added text to Frequency Selection (FSW) section regarding pin control.	17
• Added text to Tracking Function section for clarification.	21
• Added application example regarding TPS62130A device.	27

TPS62140, TPS62140A
TPS62141, TPS62142, TPS62143

SLVSAJ0B –NOVEMBER 2011–REVISED JUNE 2013



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REVISION HISTORY

Changes from Revision A (October 2012) to Revision B	Page
• Added new device version TPS62140A to the data sheet	1
• Added device TPS62140A to Ordering Info table	2
• Added text to Power Good section regarding the TPS62140A function	17
• Added pin option to the footnote for Pin-Selectable Output (DEF) section.	17
• Added text to Frequency Selection (FSW) section regarding pin control.	17
• Added text to Tracking Function section for clarification.	20
• Added application example with regard to new version TPS62140A.	27

REVISION HISTORY

Changes from Revision A (November 2012) to Revision B	Page
• Added device TPS62150A to data sheet	1
• Added device TPS62150A to Ordering Info table	2
• Added text to Power Good (PG) section regarding device TPS62150A.	16
• Added pin option to Footnote statement for Pin-Selectable Output Voltage (DEF) section.	16
• Added text to Frequency Selection (FSW) section for clarification.	16
• Added text to Tracking Function section for clarification.	20
• Added application example regarding TPS62150A device.	26

REVISION HISTORY

Changes from Revision A (February 2013) to Revision B	Page
• Added device TLV62130A to data sheet	1
• Added device version TLV62130A to Ordering Info table	2
• Added text to Power Good (PG) section regarding TLV62130A function	16
• Added additional option to Pin-Selectable Output Voltage (DEF) section footnote.	16
• Added text to Frequency Selection (FSW) section regarding pin control.	16
• Added application example with regard to new version TLV62130A	26

REVISION HISTORY

Changes from Revision A (February 2013) to Revision B	Page
• Added new device version TLV62150A to data sheet	1
• Added device TLV62150A to Ordering Info table	2
• Added text to Power Good section regarding the TLV62150A function.	15
• Added additional option to the footnote for Pin-Selectable Output Voltage (DEF) section.	15
• Added text to Frequency Selection (FSW) section regarding pin control.	15
• Added text to Tracking Function section for clarification.	18
• Changed schematic for Figure 40	22
• Added application example with regard to new version TLV62150A	25

Device Family	Change From:	Change To:
TPS62130/31/32/33	SLVSAG7A	SLVSAG7B
TPS62140/41/42/43	SLVSAJ0A	SLVSAJ0B
TPS62150/51/52/53	SLVSAL5A	SLVSAL5B
TLV62130	SLVSB74A	SLVSB74B
TLV62150	SLVSB71A	SLVSB71B

The updated datasheet(s) can be accessed by the following link(s):

<http://www.ti.com/product/tps62130>

<http://www.ti.com/product/tps62140>

<http://www.ti.com/product/tps62150>

<http://www.ti.com/product/tlv62130>

<http://www.ti.com/product/tlv62150>

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:

TPS62130RGTR	TPS62133RGTT	TPS62143RGTR	TPS62152RGTT	
TPS62130RGTT	TPS62140RGTR	TPS62143RGTT	TPS62153RGTR	
TPS62131RGTR	TPS62140RGTT	TPS62150RGTR	TPS62153RGTT	
TPS62131RGTT	TPS62141RGTR	TPS62150RGTT	TLV62130RGTR	
TPS62132RGTR	TPS62141RGTT	TPS62151RGTR	TLV62130RGTT	
TPS62132RGTT	TPS62142RGTR	TPS62151RGTT	TLV62150RGTR	
TPS62133RGTR	TPS62142RGTT	TPS62152RGTR	TLV62150RGTT	

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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USA	PCNAmericasContact@list.ti.com
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