

Notification Number:	20201102003	Notification Date:	Nov. 5, 2020
Title:	Datasheet for TPS650864		
Customer Contact:	PCN 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.



TPS650864

SWCS138D – JUNE 2017 – REVISED NOVEMBER 2020

Changes from Revision C (June 2018) to Revision D (November 2020)

Page

• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Changed the incorrect LX3 pin description from <i>connect to ground when not in use</i> to <i>leave floating when not in use</i> in the <i>Pin Functions</i> table.....	6
• Removed the line above the LDOA1 block in the <i>PMIC Functional Block Diagram</i>	22
• Removed incorrect VREF notes from the middle and right DDR blocks in the <i>Power Map Example</i> figure....	22
• Added <i>when configured as push-pull, LDO3P3 is used for logic-level high</i> to the <i>Power Good Tree</i> figure description	50
• Changed the bit values for BUCK4_MODE bits in the <i>BUCK4CTRL Register</i> table from 0 to 1 for the TPS65086401 and TPS65086470 devices	68
• Changed the bit values for BUCK5_MODE bits in the <i>BUCK5CTRL Register</i> table from 0 to 1 for the TPS65086401 and TPS65086470 devices	69
• Added links and step ranges to <i>BUCK2SLPCTRL Register Descriptions</i> table.....	77
• Changed the bit values for BUCK3_MODE bits in the <i>BUCK123CTRL Register</i> table from 0 to 1 for the TPS65086401 and TPS65086470 devices.....	81
• Removed the incorrect VREF notes from the middle and right DDR blocks in the <i>VIN 5-V Application</i> diagram	106

The datasheet number will be changing.

Device Family	Change From:	Change To
TPS650864	SWCS138C	SWCS138D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS650864>

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 notification:

None.

Product Affected:

TPS65086401RSKR	TPS65086401RSKT	TPS65086470RSKR	TPS65086470RSKT
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For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

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