

<b>PCN Number:</b>	20140204002	<b>PCN Date:</b>	02/05/2014
<b>Title:</b>	LM97937 datasheet		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Phone:</b>	+1(214) 480-6037
<b>Dept:</b>	Quality Services		
<b>Change Type:</b>			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process
<input type="checkbox"/>	Design	<input checked="" type="checkbox"/>	Electrical Specification
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Packing/Shipping/Labeling
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Part number change

**PCN Details**

**Description of Change:**

The product datasheet(s) is being update to add DC\_EN to the register descriptions:

- Fix CHIP\_ID value in register map
- Fix pin descriptions to indicate SPI logic compatibility with 1.2V-3.3V (not 1.2-1.8V)
- Include mention of VD1.2 in total power consumption description
- Fix pin interface diagram for SYNCb input.

The following change history provides further details. These changes may be reviewed at the datasheet links provided

**LM97937**



SNVS990A – DECEMBER 2013 – REVISED JANUARY 2014

[www.ti.com](http://www.ti.com)

**REVISION HISTORY**

Changes from Original (December 2013) to Revision A	Page
• Changed buffer transistors from PNP to NPN .....	6
• Changed SPI logic compatibility in description for terminal 54 .....	7
• Added the V <sub>D1,2</sub> supply to the description for total power consumption .....	12
• Changed DFLT value for CHIP_ID ADDR 0x0004 from 0x07 to 0x03 .....	62
• Added a bit[0] row to the DC_MODE register description table .....	67

The datasheet number will be changing.

Device Family	Change From:	Change To:
<a href="#">LM97937</a>	SNVS990	<b>SNVS990A</b>

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

<http://www.ti.com/product/lm97937>

<b>Reason for Change:</b>	
To more accurately reflect device characteristics.	
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>	
Electrical specification performance changes as indicated above.	
<b>Changes to product identification resulting from this PCN:</b>	
None	
<b>Product Affected:</b>	
LM97937RMER	LM97937RMET

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

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>