

<b>PCN Number:</b>	20160620000	<b>PCN Date:</b>	06/24/2016
<b>Title:</b>	Datasheet for LM2936Q		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

### Notification Details

#### Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is updated as seen in the change revision history below:



#### LM2936Q

SNVS684D – NOVEMBER 2010 – REVISED MARCH 2016

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

#### Changes from Revision C (March 2013) to Revision D

Page

- Added *Pin Configuration and Functions* section, *ESD Rating* table, *Thermal Information* table with updated values, *Feature Description* section, *Device Functional Modes, Application and Implementation* section, *Power Supply Recommendations* section, *Layout* section, *Device and Documentation Support* section, and *Mechanical, Packaging, and Orderable Information* section ..... 1
- Changed  $\theta_{JA}$  for SOIC from 140°C/W to 111.4°C/W; for TO-252 from 136°C/W to 50.5°C/W; for VSSOP from 200°C/W to 173.4°C/W; and for SOT-223 from 149°C/W to 62.8°C/W ..... 4
- Changed  $\theta_{JC}$  for SOIC from 45°C/W to 56.3°C/W (top); TO-252 from 6°C/W to 52.6°C/W (top) and 1.6°C/W (bottom); SOT-223 from 36°C/W to 44.2°C/W (top) ..... 4

Device Family	Change From:	Change To:
LM2936Q	SNVS684C	<b>SNVS684D</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/lm2936q-q1.pdf>

#### Reason for Change:

To more 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 PCN:

None.

#### Product Affected:

LM2936QDT-3.0/NOPB	LM2936QM-3.3/NOPB	LM2936QMP-3.3/NOPB
LM2936QDT-3.3/NOPB	LM2936QM-5.0/NOPB	LM2936QMP-5.0/NOPB
LM2936QDT-5.0/NOPB	LM2936QMM-3.0/NOPB	LM2936QMPX-3.0/NOPB
LM2936QDTX-3.0/NOPB	LM2936QMM-3.3/NOPB	LM2936QMPX-3.3/NOPB
LM2936QDTX-3.3/NOPB	LM2936QMM-5.0/NOPB	LM2936QMPX-5.0/NOPB
LM2936QDTX-5.0/NOPB	LM2936QMMX-3.3/NOPB	LM2936QMX-3.3/NOPB
LM2936QHBMA-5.0/NOPB	LM2936QMMX-5.0/NOPB	LM2936QMX-5.0/NOPB
LM2936QHBMAX5.0/NOPB	LM2936QMP-3.0/NOPB	

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>
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