

Notification Number:	20170104000	Notification Date:	January 6, 2017
Title:	Datasheet for LM5140-Q1		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<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:



LM5140-Q1

SNVSA02A – JANUARY 2016 – REVISED DECEMBER 2016

www.ti.com

Changes from Original (January 2016) to Revision A

Page

• Updated data sheet text to the latest TI documentation and translations standards	1
• Added AEC-Q100 Test Guidance bullets to <i>Features</i>	1
• Added content to the <i>Minimum Output Voltage Adjustment</i> section	21
• Changed Equation 11	22
• Changed content and Equation 12 in <i>Slope Compensation</i> section	23
• Changed content and Equation 14 and Equation 15 in <i>Inductor Calculation</i> section	27
• Changed Equation 39.....	30
• Changed Equation 41.....	31
• Changed content and Equation 52 through Equation 55 in <i>Control Loop</i> section	34
• Changed content, Equation 57, and Equation 60 through Equation 63 in <i>Error Amplifier</i> section	35
• Added equations Equation 56, Equation 58 and Equation 61 in <i>Error Amplifier</i> section	35
• Changed Figure 38.....	36
• Changed Equation 64.....	36

The datasheet number will be changing.

Device Family	Change From:	Change To:
LM5140-Q1	SNVSA02	SNVSA02A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/lm5140-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 notification:

None.

Product Affected:

LM5140QRWGRQ1	LM5140QRWGTQ1
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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
Japan	PCNJapanContact@list.ti.com

