

<b>PCN Number:</b>	20170921000	<b>PCN Date:</b>	October 4, 2017
<b>Title:</b>	Datasheet for LM5170-Q1		
<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 being updated as summarized below. The following change history provides further details.



**LM5170-Q1**

SNVSAQ6A – NOVEMBER 2016 – REVISED JUNE 2017

#### Changes from Original (November 2016) to Revision A

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• Changed TQFP body size dimensions from: 6.00 mm × 6.00 mm to: 7.00 mm × 7.00 mm .....	1
• Changed <a href="#">Figure 26</a> .....	24
• Changed <a href="#">Figure 40</a> and <a href="#">Figure 41</a> .....	34
• Changed <a href="#">Figure 44</a> .....	36
• Changed <a href="#">Equation 28</a> .....	43
• Changed <a href="#">Equation 30</a> .....	43
• Changed <a href="#">Equation 36</a> .....	43
• Added text to <a href="#">Figure 53</a> .....	46
• Changed <a href="#">Figure 55</a> .....	47
• Changed examples values for the $V_{LV\_max}$ , $V_{HV\_reg}$ , and $V_{HV\_max}$ .....	48
• Changed <a href="#">Equation 49</a> .....	49
• Changed <a href="#">Equation 50</a> .....	50
• Changed <a href="#">Equation 56</a> .....	51
• Changed <a href="#">Equation 59</a> .....	52
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• Changed <a href="#">Equation 76</a> .....	54
• Changed <a href="#">Equation 77</a> .....	54
• Changed <a href="#">Figure 75</a> .....	62

The datasheet number will be changing.

Device Family	Change From:	Change To:
LM5170-Q1	snvsaq6	snvsaq6A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LM5170-Q1>

#### 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.

<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
LM5170QPHPRQ1	LM5170QPHPTQ1		

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>