

<b>PCN Number:</b>	20170616005	<b>PCN Date:</b>	June 27,2017
<b>Title:</b>	Datasheet for LM5165-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.



**LM5165-Q1**

SNVSAJ3B –MARCH 2016–REVISED FEBRUARY 2017

Changes from Revision A (March 2016) to Revision B	Page
• Added VSSOP-10 package information .....	3
• Changed EN absolute maximum voltage from (VIN + 0.3 V) to 68 V .....	5
• Deleted note 5 under <i>Absolute Maximum Ratings</i> table .....	5
• Changed EN operating voltage from VIN to 65 V .....	6
• Deleted note 2 under <i>Recommended Operating Conditions</i> table .....	6
• Added thermal information data for VSSOP-10 package .....	6
• Added ILIM specifications for VSSOP-10 package .....	6
• Changed RT resistor equation divisor from 1.6 to 1.75 and updated Table 1 accordingly .....	16
• Added link to TI Design TIDA-00666 .....	21
• Added more information in the <i>Device and Documentation Support</i> section .....	38

The datasheet number will be changing.

Device Family	Change From:	Change To:
LM5165-Q1	SNVSAJ3A	SNVSAJ3B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LM5165-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.

**Changes to product identification resulting from this PCN:**

None.

**Product Affected:**

LM5165QDRCRQ1	LM5165QDRCTQ1	LM5165XQDRCRQ1	LM5165XQDRCTQ1
LM5165YQDGSRQ1	LM5165YQDGSTQ1	LM5165YQDRCRQ1	LM5165YQDRCTQ1

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>