

<b>Notification Number:</b>	20161213001	<b>Notification Date:</b>	December 19, 2016
<b>Title:</b>	Datasheet for TSC2007-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 updated as seen in the change revision history below:



#### TSC2007-Q1

SBAS545A – SEPTEMBER 2011 – REVISED DECEMBER 2016

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

#### Changes from Original (September 2011) to Revision A

Page

• Added <i>Device Information</i> table, <i>Specifications</i> section, <i>ESD Ratings</i> table, <i>Recommended Operating Conditions</i> table, <i>Detailed Description</i> section, <i>Application and Implementation</i> section, <i>Power Supply Recommendations</i> section, <i>Layout Guidelines</i> section, <i>Layout Example</i> section, <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section.....	1
• Deleted <i>Ordering Information</i> table; see Package Option Addendum at the end of the data sheet.....	1
• Changed ESD Ratings information and added the AEC-Q100 Automotive bullets to <i>Features</i> .....	1
• Added Automotive Infotainment Displays and Automotive Navigation Systems bullets to <i>Applications</i> .....	1
• Deleted Digital Buffered $\overline{\text{PENIRQ}}$ bullet from <i>Features</i> .....	1
• Deleted On-Chip, Programmable $\overline{\text{PENIRQ}}$ Pull-Up bullet from <i>Features</i> .....	1
• Deleted Lead temperature parameters from <i>Absolute Maximum Ratings</i> table .....	1
• Moved Power-supply voltage parameters from <i>Electrical Characteristics</i> table to the <i>Recommended Operating Conditions</i> table .....	1
• Added IEC discharge information.....	4
• Added <i>Thermal Information</i> table .....	4
• Changed $R_{\theta\text{JA}}$ values for PW (TSSOP) From: 86 To: 101.7 .....	4
• Changed $t_{\text{OF}}$ to $t_{\text{F}}$ in Timing Requirements tables .....	6
• Changed text in Reference mode to clarify singled-ended operation .....	15
• Changed <a href="#">Figure 24</a> caption text from $\overline{\text{PINTDAV}}$ to $\overline{\text{PENIRQ}}$ .....	18
• Added subsections to <i>Throughput Rate and I2C Bus Traffic</i> section to clarify 8-bit and 12-bit operation.....	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
TSC2007-Q1	SBAS545	<b>SBAS545A</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/tsc2007-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:

TSC2007IPWRQ1

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>