

<b>PCN Number:</b>	20150506000	<b>PCN Date:</b>	05/26/2015
<b>Title:</b>	Datasheet update for BQ24157S		
<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

### PCN 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.



#### bq24157S

SLUSB76B – FEBRUARY 2013 – REVISED MAY 2015

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

#### Changes from Revision A (June 2014) to Revision B

Page

Deleted "Safety Timer with Reset Control" from the <a href="#">Features</a> .....	1
Changed the package <a href="#">Features</a> From: 2.25 x 2.65 mm To: 2.1 x 2.0 mm .....	1
Changed the BODY SIZE values in the <a href="#">Device Information</a> table .....	1
Moved T <sub>stg</sub> Storage Temperature From: <a href="#">ESD Ratings</a> To: <a href="#">Absolute Maximum Ratings</a> <sup>(1) (2)</sup> .....	4
Changed the title of <a href="#">Figure 3</a> From Battery Detection at Power Up To: Power Up in DEFAULT Mode .....	8
Changed "32S Mode" To: "HOST Mode" and 15 Minute Mode To: DEFAULT Mode in <a href="#">Figure 5</a> .....	8
Changed 32-second mode To: HOST mode in the <a href="#">Overview</a> section .....	11
Changed 15-minute operation To: default mode in the <a href="#">Overview</a> section .....	11
Changed 100-ms power-up delay From: No To: Yes in <a href="#">Table 1</a> .....	11
Changed <a href="#">Figure 19</a> .....	14
Changed text From: "During the normal charging process with HOST control..." To: "During the normal charging process with HOST control and termination enabled..." .....	17
Changed Title From: <a href="#">15-Minute Safety Timer</a> To: <a href="#">DEFAULT Mode</a> .....	17
Changed 32-second mode To: HOST mode in <a href="#">USB Friendly Power Up</a> .....	17
Changed 15-minute mode To: DEFAULT mode and 32-s mode To: HOST mode in <a href="#">Input Current Limiting at Power Up</a> .....	17
Added a NOTE to the <a href="#">Application and Implementation</a> section .....	29
Changed <a href="#">Figure 30</a> .....	33
Changed <a href="#">Figure 31</a> .....	33
Added <a href="#">Figure 30</a> .....	33

The datasheet number will be changing.

Device Family	Change From:	Change To:
<a href="#">BQ24157S</a>	SLUSB76A	<b>SLUSB76B</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/bq24157s>

#### Reason for Change:

To more accurately reflect device characteristics.

<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>	
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.	
BQ24157SYFFR	BQ24157SYFFT

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>