

PCN Number:	20170831000	PCN Date:	Sept. 6, 2017
Title:	Datasheet for bq25606		
Customer Contact:	PCN Manager	Dept:	Quality Services
Proposed 1st Ship Date:	Dec. 6, 2017		
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 being updated as summarized below.



bq25606

SLUSCK6A –MAY 2017–REVISED AUGUST 2017

Changes from Original (May 2017) to Revision A

Page

• Updated data sheet title	1
• Deleted 200 nS Fast Turn-Off in <i>Features</i>	1
• Updated <i>Simplified Application</i> schematic.....	1
• Changed ACDRV pin references to "NC" in <i>Pin Configuration and Functions</i> section.....	4
• Deleted ACDRV pin references from <i>Pin Functions</i> table.....	4
• Updated VAC pin description in <i>Pin Functions</i> table.....	5
• Deleted ACDRV pin references from <i>Absolute Maximum Ratings</i> table.....	6
• Added <i>ESD Ratings</i> table.....	6
• Deleted VAC debounce time from <i>Timing Requirements</i> table.....	7
• Updated <i>Functional Block Diagram</i>	16
• Updated <i>Power Up from Input Source</i> section.....	17
• Deleted <i>Power Up OVPFET</i> section.....	17
• Deleted <i>OVPFET Startup Control</i> timing illustration	17
• Updated <i>Input Overvoltage (ACOV)</i> section.....	24
• Updated <i>bq25606 Application Diagram</i> schematic.....	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
bq25606	SLUSCK6	SLUSCK6A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/bq25606>

Reason for Change:

Bq25606 will not support external OVP (Over Voltage Protection) FET configuration.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

The part was specified for 2 applications to support or not support external OVP FET. The customer impact is: External OVP FET is no longer supported by the device. There will be no impact to customer designs without external OVP FET.

Changes to product identification resulting from this PCN:

None.			
Product Affected:			
BQ25606RGER	BQ25606RGET		

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