

PCN Number:	20170915005	PCN Date:	September 20, 2017
Title:	Datasheet for bq25600, bq25600D		
Customer Contact:	PCN Manager	Dept:	Quality Services
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. The following change history provides further details.



bq25600, bq25600D

SLUSCJ4A – JUNE 2017 – REVISED AUGUST 2017

Changes from Original (June 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
• Added Input supply current specification ($I_{VACV_{BUS_HIZ}}$) in <i>Electrical Characteristics</i> table	7
• Deleted VAC debounce time (I_{DEB}) specification from <i>Timing Requirements</i>	14
• 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.....	28
• Updated <i>Power Path Management Application</i> schematic	45
• Updated <i>bq25600D Applications Diagram</i> schematic	46

The datasheet number will be changing.

Device Family	Change From:	Change To:
bq25600, bq25600D	SLUSCJ4	SLUSCJ4A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/BQ25600>

Reason for Change:

bq25600 and bq25600D will not support external OVP (Over Voltage Protection) FET configuration.

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

The bq25600 and bq25600D were 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:			
BQ25600DYFFR	BQ25600DYFFT	BQ25600YFFR	BQ25600YFFT

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