

Notification Number:	20210608003	Notification Date:	July 08, 2021
Title:	Datasheet for BQ2405x		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type:	Electrical Specification		

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.



BQ24050, BQ24052

SLUS940D – SEPTEMBER 2009 – REVISED MAY 2021

Changes from Revision C (December 2014) to Revision D (May 2021)	Page
• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Deleted BQ24055 from data sheet	1
• Changed the <i>Applications</i> list	1
• Deleted \overline{PG} pin information from the <i>Specifications</i> section.....	5
• Moved T_{stg} From: <i>ESD Ratings</i> To: <i>Absolute Maximum Ratings</i>	5
• Changed the <i>Handling Ratings</i> table To: <i>ESD Ratings</i> table	5
• Changed $I_{BD-Sink}$ minimum from 7 mA to 6 mA.....	6
• Changed I_{IH} Source current required for HI from 8 μ A to 9.6 μ A.....	6
• Deleted graphs "OVP 8-V Adapter – Hot Plug" and "OVP from Normal Operation" from the <i>Power Up, Down, OVP, Disable and Enable Waveforms</i> section	11
• Deleted graph "Entering and Exiting Sleep Mode" from the <i>Battery Removal With Fixed TS = 0.5 V</i> section	13
• Changed text From: "2-mm x 2-mm or 2-mm x 3-mm single-cell Li-Ion..." To: "2-mm x 2-mm single-cell Li-Ion..." in the first paragraph of the <i>Overview</i> section	15
• Deleted the PG pin information from the <i>Feature Description</i> section.....	17
• Deleted text "the \overline{PG} pin goes low." from the <i>Overvoltage Protection (OVP) – Continuously Monitored</i> section	19
• Deleted the PG pin information from the <i>Device Functional Modes</i> section.....	25
• Deleted the PG pin information from the <i>Application and Implementation</i> section.....	26
• Removed the Vpg curve from Figure 8-3 and Figure 8-4	27

The datasheet number will be changing.

Device Family	Change From:	Change To:
BQ2405x	SLUS940C	SLUS940D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/BQ24050>

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 notification:

None.

Product Affected:

BQ24050DSQR	BQ24050DSQT	BQ24052DSQR	BQ24052DSQT
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