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|--------------------------|----------------------------------|-------------------------------------|---------------------|
| PCN Number: | 20150123002 | PCN Date: | 01/28/2015 |
| Title: | Datasheet update for BQ24195/95L | | |
| 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 |

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification.

The product datasheet(s) is being updated as summarize below.

The following change history provides further details



bq24195, bq24195L

SLUSB97A –OCTOBER 2012–REVISED DECEMBER 2014

www.ti.com

Changes from Original (October 2012) to Revision A

Page

| | |
|---|----|
| • Added Handling Rating table, Feature Description section, Device Functional Modes, Application and Implementation section, Power Supply Recommendations section, Layout section, Device and Documentation Support section, and Mechanical, Packaging, and Orderable Information section. | 1 |
| • Changed V_{SLEEPZ} , $V_{BAT_DPL_HY}$, V_{BATGD} , I_{CHG_20pt} , V_{SHORT} , I_{ADPT_DPM} , K_{ILIM} , $V_{BTST_REFRESH}$ in Electrical Characteristics..... | 6 |
| • Added -40°C to 85° to I_{BAT} Test Condition..... | 6 |
| • Added REG00[6:3] = 0110 (4.36 V) or 1011 (4.76 V) to $V_{INDPM_REG_ACC}$ Test Conditions..... | 8 |
| • Added a MIN value of 435 to K_{ILIM} | 8 |
| • Deleted $T_{Junction_REG}$ MIN and MAX..... | 8 |
| • Changed V_{OTG_ILIM} to I_{OTG_ILIM} | 9 |
| • Changed Functional Block Diagram..... | 11 |
| • Changed Charging Current in Table 3..... | 17 |
| • Changed REG09[5:4] to REG08[5:4] in Charging Termination section..... | 19 |
| • Changed Charging Safety Timer description..... | 20 |
| • Changed Host Mode and Default Mode description..... | 25 |
| • Changed Charge Current Control Register REG02 Bit 0 description and note..... | 29 |

The datasheet number will be changing.

| | | |
|-----------------------------|--------------|-----------------|
| Device Family | Change From: | Change To: |
| BQ24195/95L | SLUSB97 | SLUSB97A |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/sitesearch/docs/universalsearch.tsp?searchTerm=BQ24195#linkId=1&src=top>

Reason for Change:

To more accurately reflect device characteristics.

| | | | |
|---|--------------|-------------|-------------|
| Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative): | | | |
| Electrical specification performance changes as indicated above. | | | |
| Changes to product identification resulting from this PCN: | | | |
| None. | | | |
| Product Affected: | | | |
| BQ24195LRGER | BQ24195LRGET | BQ24195RGER | BQ24195RGET |

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 |