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|-----------------------------|---------------------------------|---------------------------|------------------|
| Notification Number: | 20210215002 | Notification Date: | Feb. 24, 2021 |
| Title: | Datasheet for BQ25713, BQ25713B | | |
| Customer Contact: | PCN 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.



BQ25713, BQ25713B

SLUSD83B – JUNE 2018 – REVISED FEBRUARY 2021

| Changes from Revision A (July 2018) to Revision B (February 2021) | Page |
|--|-------------|
| • Added Safety-Related Certifications: IEC 62368-1 CB Certification to Features..... | 1 |
| • Changed units of measure for several parameters in Electrical Characteristics..... | 10 |
| • Changed in Timing Requirements..... | 18 |
| • Added bullet 2 in Power-Up from DC Source..... | 24 |
| • Changed 3.25A in Input Voltage and Current Limit Setup..... | 25 |
| • Changed in USB On-The-Go (OTG)..... | 25 |
| • Added in System Short Hiccup Mode..... | 31 |
| • Changed in I ² C Serial Interface..... | 32 |
| • Changed in ChargeOption0 Register..... | 37 |
| • Changed in ChargeOption2 Register..... | 41 |
| • Changed in ProchotOption0 Register..... | 45 |
| • Changed in ProchotStatus Register..... | 52 |
| • Changed in Input Current Registers..... | 59 |
| • Changed in IIN_DPM Register With 10-mΩ Sense Resistor..... | 61 |
| • Changed in ADClINCMPIIN Register..... | 67 |
| • Updated Typical Application Diagram..... | 70 |
| • Updated ACP-ACN Input Filter Diagram..... | 71 |
| • Updated Input Capacitor..... | 72 |
| • Updated Output Capacitor..... | 72 |
| • Changed in Layout Guidelines..... | 79 |
| • Added detailed layout reference in Layout Example..... | 80 |

The datasheet number will be changing.

| | | |
|-------------------|--------------|------------|
| Device Family | Change From: | Change To: |
| BQ25713, BQ25713B | SLUSD83A | SLUSD83B |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/BQ25713>

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: | | | |
|--------------------------|--------------|-------------|-------------|
| BQ25713BRSNR | BQ25713BRSNT | BQ25713RSNR | BQ25713RSNT |

For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

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