

PCN Number:	20240227009.1	PCN Date:	February 27, 2024
Title:	Datasheet for BQ25620/BQ25622		
Customer Contact:	Change Management	Dept:	Quality Services
Proposed 1st Ship Date:	May 27, 2024		
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.



BQ25620, BQ25622
SLUSEG2C – SEPTEMBER 2022 – REVISED FEBRUARY 2024

Changes from Revision B (January 2024) to Revision C (February 2024)	Page
• Changed T _{TOP_OFF} Typical and Maximum Limit.....	16
• Changed T _{SAFETY_TRKCHG} Typical and Maximum Limit.....	16
• Changed T _{SAFETY_PRECHG} Typical and Maximum Limit.....	16
• Changed T _{SAFETY} Typical and Maximum Limit.....	16
• Changed T _{BATEFT_DLY} Typical Value.....	16
• Changed T _{SM_EXIT} Typical and Maximum Limit.....	16
• Changed T _{QON_RST} Typical and Maximum Limit.....	16
• Changed T _{BATEFT_RST} Typical Value.....	16
• Changed T _{LP_WDT} Typical Value.....	16
• Changed T _{WDT} Typical Value.....	16
• Changed recommended values of RT1 and RT2 in Section 8.3.5.4.2	26
• Added I ² C timing requirements for fast mode and fast mode plus in Section 8.5.1.....	37
• Changed TOPOFF_TMR values in Charge_Control_0 Register Description, PRECHG_TMR and CHG_TMR values in Charge_Timer_Control Register Description, and WATCHDOG values in Charger_Control_1 Register Description.....	40
• Updated behavior of IBAT_ADC in IBAT_ADC Register Description.....	40

The datasheet number will be changing.

Device Family	Change From:	Change To:
BQ25620/BQ25622	SLUSEG2B	SLUSEG2C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/BQ25620>

Reason for Change:

To 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:			
BQ25620RYKR	BQ25622RYKR		

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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