



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**PCN# 20240227009.1
Datasheet for BQ25620/BQ25622
Change Notification**

Date: February 27, 2024
To: MOUSER PCN

Dear Customer:

This is a notice of change to a product data sheet for a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance and approval of this change. If samples or additional data are required, requests must be received within **30 days** of this notification.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your local Field Sales Representative or the Change Management team.

Sincerely,
Change Management Team
SC Business Services

Data Sheet Change Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
BQ25620RYKR	NULL
BQ25622RYKR	NULL

Technical details of this Product Change follow on the next page(s).

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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