



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20240923002.0  
Datasheet for BQ25730  
Information Only**

**Date:** September 25, 2024

**To:** MOUSER PCN

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

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

Sincerely,

Change Management Team  
SC Business Services

**20240923002.0**  
**Information Only Datasheet**  
**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
BQ25730RSNR	NULL

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

<b>PCN Number:</b>	20240923002.0	<b>PCN Date:</b>	September 25, 2024
<b>Title:</b>	Datasheet for BQ25730		
<b>Customer Contact:</b>	Change Management team	<b>Dept:</b>	Quality Services
<b>Change Type:</b>	Electrical Specification		

### PCN 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.



BQ25730

SLUSE65A – FEBRUARY 2021 – REVISED JANUARY 2024

Changes from Revision * (February 2021) to Revision A (January 2024)	Page
• Added IEC 62368-1 CB Certification to Features.....	1
• Changed pin name from OT/VAP/FRS to OTG/VAP/FRS in Table 6-1 .....	5
• Changed V <sub>SYS_MIN_REG_ACC</sub> from REG0x3E to REG0x0D/0C in Section 7.5 .....	9
• Updated Section 8.3.5 .....	28
• Changed from REG0x15 to REG0x04 in Section 8.3.7 .....	29
• Changed < and > in Section 8.3.16.2 .....	32
• Changed from REG0x34 to REG0x38 and voltage rises above to voltage falls below in Section 8.3.20.1 .....	35
• Changed IIN_DPM() Description from 50 mA to 100 mA in Table 8-7 .....	44
• Updated WDTMR_ADJ and IIN_DPM_AUTO_DISABLE Descriptions in Table 8-8 .....	46
• Updated EN_CMP_LATCH and EN_LDO Descriptions in Table 8-9 .....	46
• Changed from REG0x15 to REG0x05/04 in Section 8.6.3 .....	51
• Changed from REG0x21 to REG0x22 in IN_VAP Description in Table 8-14 .....	53
• Deleted not from 1b in IN_IIN_DPM Description in Table 8-14 .....	53
• Changed from REG0x23[7,2],REG0x23[6:0] to REG0x22 and cleared to reset in Section 8.6.5 .....	55
• Changed from TSHUT to Reserved and updated STAT_EXIT_VAP Description in Table 8-16 .....	55
• Changed from 128mA to 256mA and REG0x14 to REG0x02 in AUTO_WAKEUP_EN Description in Table 8-29 .....	63
• Changed from Vmin Active Protection to VSYS_TH1 and from REG0x37 to REG0x36 in Section 8.6.14 .....	69
• Changed from 0x22H to 0x25/24 in ILIM2_VTH Description and from REG0x33 to REG0x36 in PROCHOT_VINDPM_80_90 Description in Table 8-34 .....	69
• Changed from REG0x3D to REG0x0B/0A in LOWER_PROCHOT_VINDPM Description in Table 8-35 .....	69
• Changed IDCHG_DEG1 Reset from 00b to 01b in Table 8-36 .....	71
• Changed from 0b to 1b in PP_VBUS_VAP Description in Table 8-40 .....	75
• Changed from REG37 to REG0x3E in EN_VSYSTH2_FOLLOW_VS YSTH1 Description in Table 8-43 .....	77
• Changed from REG0x09 to REG0x09/08 in Section 8.6.20 and values in bit descriptions in Table 8-46 .....	81
• Changed from REG0x3E to REG0x0D/0C in Section 8.6.22 .....	83
• Updated third paragraph in Section 8.6.23 .....	84

The datasheet number will be changing.

Device Family	Change From:	Change To:
BQ25730	SLUSE65	<b>SLUSE65A</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/BQ25730>

#### 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 PCN:**

None.

**Product Affected:**

BQ25730RSNR			
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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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