



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20260330003.0
Datasheet for TCA9617B
Information Only**

Date: March 30, 2026
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

20260330003.0
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
TCA9617BDGKR	TCA9617BDGKR

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

Notification Number:	20260330003.0		Notification Date:	March 30, 2026																																		
Title:	Datasheet for TCA9617B																																					
Customer Contact:	Change Management team	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.  TCA9617B SCPS259F – DECEMBER 2014 – REVISED MARCH 2026 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision E (October 2024) to Revision F (March 2026)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Updated Figure 6-3 and Figure 6-4.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed specific voltage values to parameter names (e.g. "approximately 0.5V" to V_{OLB}, "approximately 0V" to "V_{OLA}".).....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Changed "input voltage must be below V_{IL}" to below "V_{ILB}".....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Updated the operating limit from 5.5V to V_{CCB}.....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Updated estimated voltages to electrical characteristic specifications for V_{OLA}.....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Changed "drives a hard low" to V_{OLA}.....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Updated numbered values for output voltage to align with datasheet electrical characteristics including V_{OLB} and V_{ILB}.....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Updated 0.5V to V_{OLA}.....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Changed 0.5V to V_{OLB}.....</td> <td style="text-align: right;">11</td> </tr> <tr> <td>• Updated Figure 6-1 and Figure 6-2 to combine into Figure 7-1.....</td> <td style="text-align: right;">11</td> </tr> <tr> <td>• Changed specific values to electrical characteristic parameters such as V_{OLA}, V_{OLB}, V_{ILB}.....</td> <td style="text-align: right;">13</td> </tr> <tr> <td>• Added description to inverted pedestal.....</td> <td style="text-align: right;">13</td> </tr> <tr> <td>• Removed approximations and replaced with electrical characteristics parameters.....</td> <td style="text-align: right;">13</td> </tr> <tr> <td>• Updated target device requirements.....</td> <td style="text-align: right;">14</td> </tr> <tr> <td>• Added description for each point in Figure 8-2 and Figure 8-3, defined the nature of the static offset voltage, inverted pedestal, and pedestal.....</td> <td style="text-align: right;">14</td> </tr> <tr> <td>• Updated Figure 8-2 and Figure 8-3.....</td> <td style="text-align: right;">14</td> </tr> </tbody> </table>					Changes from Revision E (October 2024) to Revision F (March 2026)	Page	• Updated Figure 6-3 and Figure 6-4.....	8	• Changed specific voltage values to parameter names (e.g. "approximately 0.5V" to V_{OLB} , "approximately 0V" to " V_{OLA} ".).....	10	• Changed "input voltage must be below V_{IL} " to below " V_{ILB} ".....	10	• Updated the operating limit from 5.5V to V_{CCB}	10	• Updated estimated voltages to electrical characteristic specifications for V_{OLA}	10	• Changed "drives a hard low" to V_{OLA}	10	• Updated numbered values for output voltage to align with datasheet electrical characteristics including V_{OLB} and V_{ILB}	10	• Updated 0.5V to V_{OLA}	10	• Changed 0.5V to V_{OLB}	11	• Updated Figure 6-1 and Figure 6-2 to combine into Figure 7-1.....	11	• Changed specific values to electrical characteristic parameters such as V_{OLA} , V_{OLB} , V_{ILB}	13	• Added description to inverted pedestal.....	13	• Removed approximations and replaced with electrical characteristics parameters.....	13	• Updated target device requirements.....	14	• Added description for each point in Figure 8-2 and Figure 8-3, defined the nature of the static offset voltage, inverted pedestal, and pedestal.....	14	• Updated Figure 8-2 and Figure 8-3.....	14
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The datasheet number will be changing. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Device Family</td> <td style="width: 30%;">Change From:</td> <td style="width: 30%;">Change To:</td> </tr> <tr> <td>TCA9617B</td> <td>SCPS259E</td> <td>SCPS259F</td> </tr> </table> These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/TCA9617B					Device Family	Change From:	Change To:	TCA9617B	SCPS259E	SCPS259F																												
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Reason for Change:																																						
To accurately reflect device characteristics.																																						
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):																																						
No anticipated impact.																																						
Changes to product identification resulting from this PCN:																																						
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TCA9617BDGKR	TCA9617BDGKR.A	TCA9617BDGKR.B																																				

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