



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20240729005.0
Datasheet for BUF634
Information Only**

Date: August 05, 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


20240729005.0
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
BUF634F/500	NULL
BUF634T	NULL
BUF634TG3	NULL
BUF634U/2K5	NULL

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

PCN Number:	20240729005.0			PCN Date:	August 05, 2024																		
Title:	Datasheet for BUF634																						
Customer Contact:	Change Management team		Dept:	Quality Services																			
Change Type:	Electrical Specification																						
PCN Details																							
Description of Change:																							
<p>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.</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> BUF634 <small>SBOS030C – AUGUST 2000 – REVISED MARCH 2024</small> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision B (March 2019) to Revision C (March 2024)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Deleted PDIP package from data sheet.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Deleted most instances of DDPAK name from data sheet and replaced with TO-263.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Deleted paragraph comparing BUF634 with BUF634A.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Changed BUF634F to BUF634U for SOIC and PDIP packages in <i>ESD Ratings</i></td> <td style="text-align: right;">4</td> </tr> <tr> <td>• Changed values for D (SOIC) package in <i>Thermal Information</i> table.....</td> <td style="text-align: right;">4</td> </tr> <tr> <td>• Added <i>Electrical Characteristics</i> table specifically for TO-220 and TO-263 packages.....</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Added <i>Typical Characteristics</i> section specifically for TO-220 and TO-263 packages.....</td> <td style="text-align: right;">9</td> </tr> <tr> <td>• Added new block diagram for SOIC packages.....</td> <td style="text-align: right;">18</td> </tr> </tbody> </table>						Changes from Revision B (March 2019) to Revision C (March 2024)	Page	• Deleted PDIP package from data sheet.....	1	• Deleted most instances of DDPAK name from data sheet and replaced with TO-263.....	1	• Deleted paragraph comparing BUF634 with BUF634A.....	1	• Changed BUF634F to BUF634U for SOIC and PDIP packages in <i>ESD Ratings</i>	4	• Changed values for D (SOIC) package in <i>Thermal Information</i> table.....	4	• Added <i>Electrical Characteristics</i> table specifically for TO-220 and TO-263 packages.....	5	• Added <i>Typical Characteristics</i> section specifically for TO-220 and TO-263 packages.....	9	• Added new block diagram for SOIC packages.....	18
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<p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/BUF634</p>																							
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:																							
BUF634F/500	BUF634F/500E3	BUF634FKTTT	BUF634FKTTTE3																				
BUF634T	BUF634TG3	BUF634U	BUF634U/2K5																				

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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