



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**PCN# 20120910001
Datasheet update for TAS5630B
Information Only**

Date: 9/24/2012
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 PCN are for your information only. Please see the attachment details for the planned implementation date.

This notification period is per TI's standard process. 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 PCN Manager ([PCN admin team@list.ti.com](mailto:PCN_admin_team@list.ti.com)).

Sincerely,

PCN Team
SC Business Services
Phone: +1(214) 480-6037
Fax: +1(214) 480-6659


20120910001
Attachment: 1

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TAS5630BDKD	null
TAS5630BPHD	null

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

PCN Number:	20120910001			PCN Date:	09/24/2012										
Title:	TAS5630B Data Sheet														
Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037	Dept:	Quality Services										
Change Type:															
<input type="checkbox"/> Assembly Site	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Assembly Materials													
<input type="checkbox"/> Design	<input checked="" type="checkbox"/> Electrical Specification	<input type="checkbox"/> Mechanical Specification													
PCN Details															
Description of Change:															
<p>The product datasheet(s) is being updated to remove PBTL 2ohm output power, adjust VI-CM spec and Adjust max. Vin spec.</p> <p>The following change history provides further details. These changes may be reviewed at the datasheet links provided (see datasheet page 28 for table with hyperlinks to specific changes)</p>															
<div style="display: flex; justify-content: space-between;"> <div> TAS5630B <small>SLES217C – NOVEMBER 2010 – REVISED SEPTEMBER 2012</small> </div> <div style="text-align: right;">  <small>www.ti.com</small> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision B (November 2011) to Revision C</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Deleted - $R_L = 2 \Omega$, 1% THD+N, unclipped output signal From P_O in the Audio Specification (PBTL) table</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Changed Analog comparator reference node, V_{I_CM} Values From: MIN = 1.5 TYP = 1.75 MAX = 1.9 To: MIN = 1.75 TYP = 2 MAX = 2.15</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Changed ANALOG INPUTS - V_{IN} TYP value From 3.5 to 5 V_{PP}</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Changed the V_{IH} and V_{IL} Test Conditions From: INPUT_X, M1, M2, M3, RESET To: M1, M2, M3, RESET</td> <td style="text-align: right;">11</td> </tr> </tbody> </table>						Changes from Revision B (November 2011) to Revision C	Page	• Deleted - $R_L = 2 \Omega$, 1% THD+N, unclipped output signal From P_O in the Audio Specification (PBTL) table	10	• Changed Analog comparator reference node, V_{I_CM} Values From: MIN = 1.5 TYP = 1.75 MAX = 1.9 To: MIN = 1.75 TYP = 2 MAX = 2.15	10	• Changed ANALOG INPUTS - V_{IN} TYP value From 3.5 to 5 V_{PP}	10	• Changed the V_{IH} and V_{IL} Test Conditions From: INPUT_X, M1, M2, M3, RESET To: M1, M2, M3, RESET	11
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The datasheet number will be changing.															
Device Family	Change From:	Change To:													
TAS5630B	SLES217B	SLES217C													
The updated datasheet(s) can be accessed by the following link(s): http://www.ti.com/product/tas5630b															
Reason for Change:															
To more accurately reflect device characteristics - no actual changes to device performance have occurred															
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:															
TAS5630BDKD	TAS5630BDKDR	TAS5630BPHD	TAS5630BPHDR												

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com