



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

**PCN# 20140414001  
Design Revision (for Select TMP708/709 Devices)  
Change Notification / Sample Request**

**Date:** 4/14/2014  
**To:** MOUSER PCN

Dear Customer:

This is an announcement of a change to 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 of the change. If you require samples or additional data to support your evaluation, please request within 30 days.

The changes discussed within this PCN will not take effect any earlier than **180** days from the date of this notification, unless customer agreement has been reached on an earlier implementation of the change. This notification period is per TI's standard process.

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 PCN Manager ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

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

**20140414001**  
**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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
TMP708AIDBVR	null
TMP708AIDBVT	null
TMP709AIDBVT	null

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

<b>PCN Number:</b>	20140414001			<b>PCN Date:</b>	4/14/2014
<b>Title:</b>	Design Revision (for Select TMP708/709 Devices)				
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Phone:</b>	+1(214)480-6037	<b>Dept:</b>	Quality Services
<b>Proposed 1<sup>st</sup> Ship Date:</b>	10/14/2014	<b>Estimated Sample Availability:</b>		Date provided at sample request	
<b>Change Type:</b>					
<input checked="" type="checkbox"/> Design					

### PCN Details

#### Description of Change:

This notification is to inform of a design revision for select TMP708/709 devices. This design change does not affect the device's guaranteed datasheet specifications or electrical performance. The affected devices are listed in the "Product Affected" section.

The table below describes changes that were made:

Description of Change	Benefit of Change
Revision of die to eliminate startup issue.	Improve reliability

#### Reason for Change:

Improve reliability

#### Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):




None

#### Changes to product identification resulting from this PCN:

**Die Rev designator will change as shown in table & sample label below:**

Current	New
Die Rev [2P]	Die Rev [2P]
A	B

Sample product shipping label to indicate die rev location (**not actual product label**)

 <b>TEXAS INSTRUMENTS</b> MADE IN: Malaysia 2DC: 2Q: MSL '2 /260C/1 YEAR SEAL DT MSL 1 /235C/UNLIM 03/29/04 OPT: ITEM: 39 <b>LBL: 5A (L)T0:1750</b>	 	(1P) SN74LS07NSR (Q) 2000 (D) 0336 (31T) LOT: 3959047MLA (4W) TKY(1T) 7523483SI2 (P) (2P) <b>REV:</b> (V) 0033317 (20L) CS0: SHE (21L) CC0:USA (22L) AS0: MLA (23L) AC0: MYS
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<b>Product Affected:</b>			
TMP708AIDBV	TMP708AIDBVT	TMP709AIDBVR	TMP709AIDBVT
TMP708AIDBVR	TMP709AIDBV		
<b>Qualification Data: Approved 4/10/2014</b>			
This qualification has been specifically developed for the validation of this change. The qualification data validates that the proposed change meets the applicable released technical specifications.			
<b>Qual Device: TMP708AIDBV</b>			
<b>Package/Die Construction Details</b>			
Assembly Site:	NFME	# Pins-Designator, Family:	5-DBV, SOT
Fab Process:	50HPA07	Die Revision:	B
<b>Qualification:</b> <input type="checkbox"/> Plan <input checked="" type="checkbox"/> Test Results			
Reliability Test	Conditions	Sample Size (PASS/FAIL)	
Electrical Characterization, side by side	Per Datasheet Parameters	Pass	
ESD HBM	1000V	3/0	
ESD CDM	250V	3/0	
Latch-up	Per JESD78	6/0	

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

Location	E-Mail
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>