

PCN Number:	20180807000	PCN Date:	August 14, 2018
Title:	Datasheet for TLC5952		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

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.

TLC5952



SBVS129A –MAY 2009–REVISED JULY 2018

Changes from Original (May 2009) to Revision A	Page
• Changed "Pulse Width" to "Pulse Duration"	1
• Added the <i>Device Information</i> table	1
• Deleted pinout diagram for the RHB package.....	3
• Deleted the RHB column and corresponding table note from the <i>Pin Functions</i> table.....	3
• Changed "free-air" in the <i>Absolute Maximum Ratings</i> condition statement to "junction".....	4
• Deleted ESD ratings from the <i>Absolute Maximum Ratings</i> table.....	4
• Deleted the <i>Dissipation Ratings</i> section	4
• Added the <i>ESD Ratings</i> section	4
• Changed T_{WH0} to t_{WH0} in the <i>Recommended Operating Conditions</i> table.....	5
• Added the <i>Thermal Information</i> table to the data sheet	5
• Changed Condition statement of <i>Electrical Characteristics</i> table from $T_A = -40^{\circ}\text{C}$ to 85°C to $T_J = -40^{\circ}\text{C}$ to 150°C	6
• Changed the <i>Electrical Characteristics</i> table to combine multiple symbols for the <i>Supply current</i> and <i>Constant-output current</i> parameters	6
• Changed MAX value of V_{IREF} in <i>Electrical Characteristics</i> from 1.23 V to 1.25 V	7
• Changed T_{xx} to t_{xx} at multiple locations in Figure 1	8
• Changed T_{xx} to t_{xx} at multiple locations in Figure 3	10
• Changed Figure 6	11
• Added the <i>Overview</i> section.....	16
• Added the <i>Device Functional Modes</i> section	19
• Added the <i>Device and Documentation Support and Mechanical, Packaging, and Orderable Information</i> sections.....	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
TLC5952	SBVS129	SBVS129A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TLC5952>

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:			
TLC5952DAP	TLC5952DAPR		

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