



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20170117001
Datasheet for TCA9534
Information Only**

Date: March 01, 2017
To: Newark/Farnell 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 PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

**Information Only
Attachments**

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
TCA9534DWT	null

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

PCN Number:	20170117001	PCN Date:	March 1, 2017
Title:	Datasheet for TCA9534		
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.



TCA9534

SCPS197C – SEPTEMBER 2014 – REVISED FEBRUARY 2017

Changes from Revision B (November 2016) to Revision C	Page
• Added MAX value: 2000 to V_{CC_FT} and V_{CC_RT} in <i>Recommended Supply Sequencing and Ramp Rates</i> table.....	27
• Changed V_{CC_TRR} MIN value from: "2" to: "1" in <i>Recommended Supply Sequencing and Ramp Rates</i> table	27

Changes from Revision A (September 2014) to Revision B	Page
• Updated the <i>Description</i> section.....	1
• Added DW package.....	1
• Corrected ESD ratings to reflect \pm ratings.....	5
• VIH values, improved performance	5
• Made changes to I_{OL} in the <i>Recommended Operating Conditions</i> table.....	5
• Changed V_{PORR} limits	6
• Changed V_{OH} at $V_{CC} = 1.65$ V.....	6
• Updated I_{OL} in the <i>Electrical Characteristics</i> table.....	6
• Changed I_{CC} in the <i>Electrical Characteristics</i> table	7
• Deleted ΔI_{CC} parameter from the <i>Electrical Characteristics</i> table	7
• Increased the pin capacitance maximum, decreased typical	7
• Updated graphs in <i>Typical Characteristics</i> section	9
• Updated <i>Interrupt Output (\overline{INT})</i> section	17
• Added the <i>Calculating Junction Temperature and Power Dissipation</i> section	25
• Added V_{CC_MV} to Table 8	27
• Updated Figure 39	27

The datasheet number will be changing.

Device Family	Change From:	Change To:
TCA9534	SCPS197A	SCPS197C

These changes may be reviewed at the datasheet links provided.
<http://www.ti.com/product/TCA9534>

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:			
TCA9534DWR	TCA9534DWT	TCA9534PWR	

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