



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20160523003
Datasheet for TCA9539
Information Only**

Date: 6/6/2016
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
TCA9539PWR	null

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

PCN Number:	20160523003	PCN Date:	6/6/2016
Title:	Datasheet for TCA9539		
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.



TCA9539

SCPS202C –OCTOBER 2009–REVISED MAY 2016

Changes from Revision B (October 2015) to Revision C	Page
• Made changes to <i>Interrupt (INT) Output</i> and <i>Reads</i> section	1
• Made changes to <i>Recommended Operating Conditions</i>	1
• Made changes to <i>Electrical Characteristics</i>	1
• Added I _{OL} for different T _j	5
• Removed ΔI _{CC} spec from the <i>Electrical Characteristics</i> table, added ΔI _{CC} typical characteristics graph	6
• Changed I _{CC} standby into different input states, with increased maximums	7
• Changed C _{IO} maximum	7
• Removed ΔI _{CC} spec from the <i>Electrical Characteristics</i> table, added ΔI _{CC} typical characteristics graph	7
• Clarified interrupt reset time (t _r) with respect to falling edge of ACK related SCL pulse.	13
• Updated Figure 33 and Figure 34	25
• Power on reset requirements relaxed	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
TCA9539	SCPS202B	SCPS202C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TCA9539>

Reason for Change:

To more 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:

TCA9539PWR	TCA9539RGER	TCA9539RTWR
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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