



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20170227005
Datasheet for TCA6507
Information Only**

Date: March 01, 2017
To: TOKYO ELECTRON DEVICE (DSTR) 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
TCA6507PWR	null

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

PCN Number: 20170227005 **PCN Date:** March 1, 2017

Title: Datasheet for TCA6507

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.



TCA6507

SCPS164D – MAY 2007 – REVISED FEBRUARY 2017

Changes from Revision C (January 2016) to Revision D	Page
• Changed f_{INT} value From: MIN = 23 and MAX = 43 To: MIN = 28 and MAX = 58 in the <i>Electrical Characteristics</i> table	6
• Changed V_{POR} values From: TYP = 1.4 To: TYP = 1.1 MAX = 1.4 in the <i>Electrical Characteristics</i> table	6
• Changed Operating I_{CC} MAX value From: 25 To: 40 in the <i>Electrical Characteristics</i> table	6
• Changed C_i , C_o , C_o TYP and MAX values in the <i>Electrical Characteristics</i> table	6
• Changed The I^2C Interface Timing Requirements table	7
• Changed The Oscillator Timing Requirements table	8
• Changed The Switching Characteristics table	8
• Updated Typical Characteristic Curves	9
• Changed Table 18, Brightness Register Values	27
• Changed Table 26	34

The datasheet number will be changing.

Device Family	Change From:	Change To:
TCA6507	SCPS164C	SCPS164D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TCA6507>

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:

TCA6507PW	TCA6507PWG4	TCA6507PWR	TCA6507PWRG4
TCA6507RUER	TCA6507ZXUR		

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