

Notification# 20181205002.0
Datasheet for SN6505A, SN6505B
Information Only

Date: December 07, 2018
To: Newark/Farnell PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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
SN6505ADBVT	null
SN6505BDBVT	null

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

PCN Number:	20181205002.0	PCN Date:	December 07, 2018
Title:	Datasheet for SN6505A, SN6505B		
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.



SN6505A, SN6505B

SLLSEP9G – SEPTEMBER 2015 – REVISED NOVEMBER 2018

Changes from Revision F (September 2016) to Revision G

Page

• Made editorial corrections and modifications throughout the document	1
• Added <i>Soft-Start</i> description in <i>Device Functional Modes</i> section	18
• Changed 3 V to 2.25 V in the description of <i>Drive Capability</i> section	20
• Changed Schottky diode RB168M-40 to RB168MM-40 in <i>Diode Selection</i> section	21
• Changed f_{min} to 138 kHz for SN6505A and 363 kHz for SN6505B in <i>V-t Product Calculation</i> section and updated <i>Equation 4</i>	22
• Changed load current, V_{DO-max} , V_{O-max} , R_{DS-max} and I_{D-max} values and updated <i>Equation 11</i> in <i>Turns Ratio Estimate Example</i>	23
• Changed LDO from 'No' to 'Yes' for transformer ORDER NO. 750313638 and 750313626 in <i>Table 3</i>	25
• Updated <i>Figure 48</i>	26
• Changed the <i>Electrostatic Discharge Caution</i> statement	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
SN6505A, SN6505B	SLLSEP9F	SLLSEP9G

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN6505A>

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:

SN6505ADBVR	SN6505ADBVT	SN6505BDBVR	SN6505BDBVT
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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