

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
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